STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
GMBU C-36-8-17

2. TYPE OF WORK
DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○

3. FIELD OR WILDCAT
MONUMENT BUTTE

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME
GMBU (GRRV)

6. NAME OF OPERATOR
NEWFIELD PRODUCTION COMPANY

7. OPERATOR PHONE
435 646-4825

8. ADDRESS OF OPERATOR
Rt 3 Box 3630 , Myton, UT, 84052

9. OPERATOR E-MAIL
mcrozier@newfield.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
ML-44305

11. MINERAL OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ● FEE ○

12. SURFACE OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ● FEE ○

13. NAME OF SURFACE OWNER (if box 12 = 'fee')

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ○ (Submit Commingling Application) NO ●

19. SLANT
VERTICAL ○ DIRECTIONAL ● HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	768 FNL 2054 FEL	NWNE	36	8.0 S	17.0 E	S
Top of Uppermost Producing Zone	285 FNL 2483 FEL	NWNE	36	8.0 S	17.0 E	S
At Total Depth	100 FNL 2629 FEL	NWNE	36	8.0 S	17.0 E	S

21. COUNTY
UINTAH

22. DISTANCE TO NEAREST LEASE LINE (Feet)
100

23. NUMBER OF ACRES IN DRILLING UNIT
20

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
1248

26. PROPOSED DEPTH
MD: 6469 TVD: 6469

27. ELEVATION - GROUND LEVEL
5042

28. BOND NUMBER
B001834

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
PROD	7.875	5.5	0 - 6469	15.5	J-55 LT&C	8.3	Premium Lite High Strength	309	3.26	11.0
							50/50 Poz	363	1.24	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

NAME Mandie Crozier | **TITLE** Regulatory Tech | **PHONE** 435 646-4825

SIGNATURE | **DATE** 03/24/2011 | **EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43047515470000

APPROVAL

Permit Manager

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NEWFIELD PRODUCTION COMPANY
GMBU C-36-8-17
AT SURFACE: NW/NE SECTION 36, T8S, R17E
UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1675'
Green River	1675'
Wasatch	6355'
Proposed TD	6469'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1675' – 6355'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO_3) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

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4. *PROPOSED CASING PROGRAM*

a. Casing Design: GMBU C-36-8-17

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	6,469'	15.5	J-55	LTC	4,810 2.34	4,040 1.96	217,000 2.16

Assumptions:
1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
2) Prod casing MASP (production mode) = Pore pressure – gas gradient
3) All collapse calculations assume fully evacuated casing w/ gas gradient
4) All tension calculations assume air weight

Frac gradient at surface casing shoe =	13.0 ppg
Pore pressure at surface casing shoe =	8.33 ppg
Pore pressure at prod casing shoe =	8.33 ppg
Gas gradient =	0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: GMBU C-36-8-17

Job	Fill	Description	Sacks ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	4,469'	Prem Lite II w/ 10% gel + 3% KCl	309 1007	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operator's minimum specifications for pressure control equipment are as follows:

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An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ±350 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

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10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the second quarter of 2011, and take approximately seven (7) days from spud to rig release.

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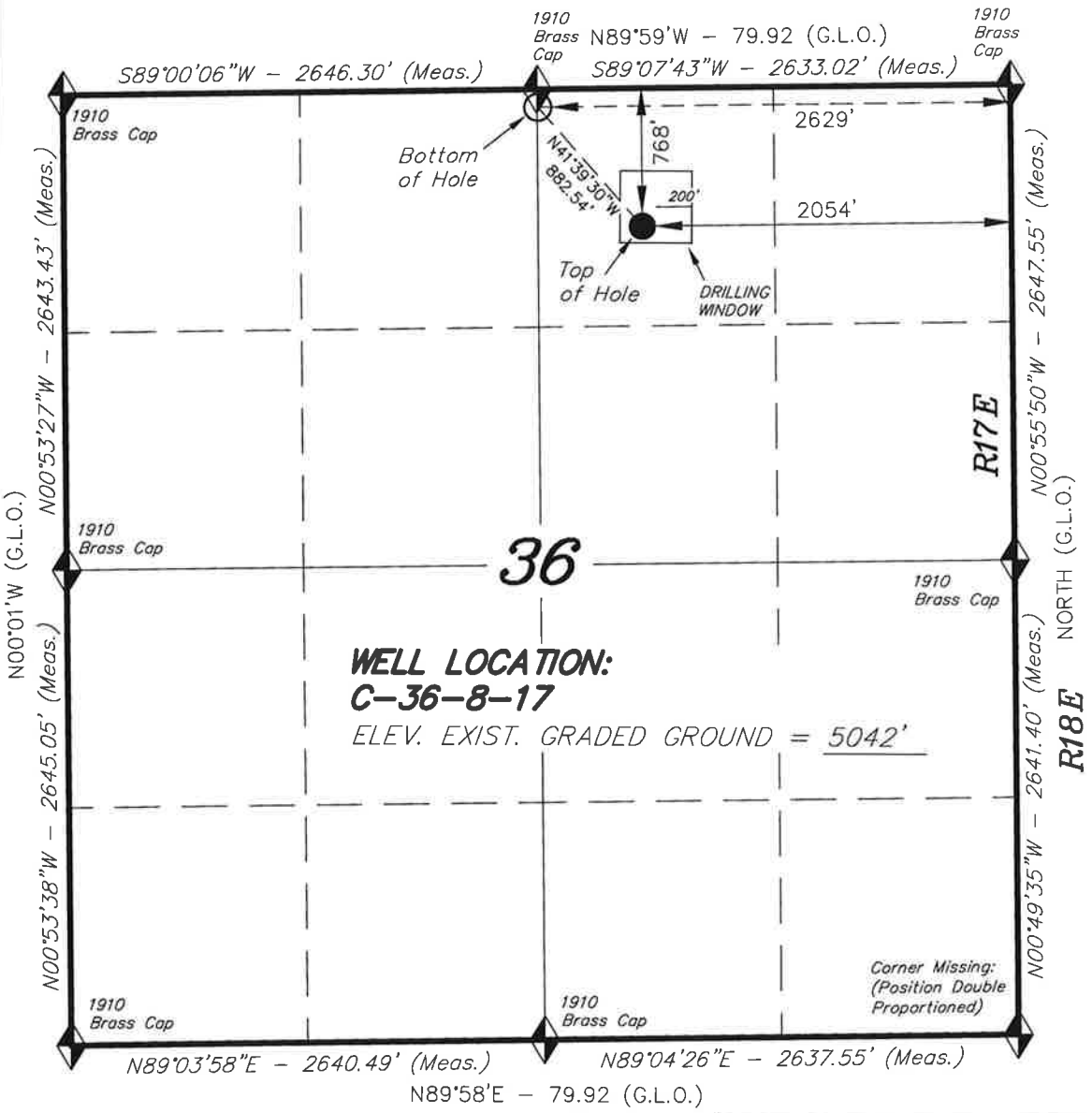
API Well Number: 43047515470000

T8S, R17E, S.L.B.&M.



BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

C-36-8-17 (Surface Location)	NAD 83
LATITUDE =	40° 04' 46.52"
LONGITUDE =	109° 57' 10.15"

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, C-36-8-17, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 36, T8S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.

TARGET BOTTOM HOLE, C-36-8-17, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 36, T8S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.

1000' 500' 0' 1000'

BAR SCALE

N

NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Bottom of Hole footages are 100' FNL & 2629' FEL.

◆ = SECTION CORNERS LOCATED

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No. 189377 STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. [illegible]
STATE OF UTAH

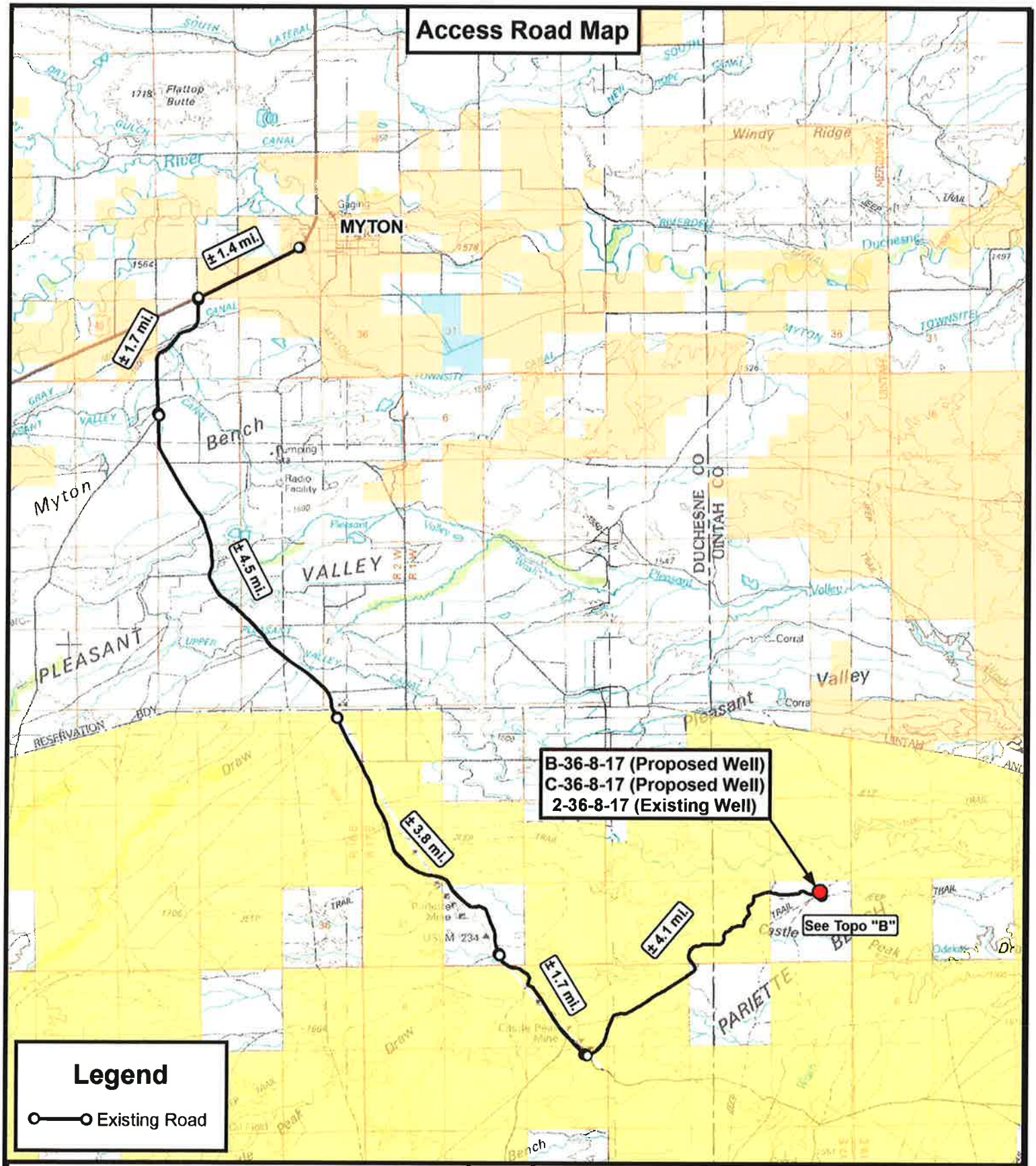
03-08-11

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 01-24-11	SURVEYED BY: C.D.S.	VERSION:
DATE DRAWN: 03-08-11	DRAWN BY: F.T.M.	V1
REVISED:	SCALE: 1" = 1000'	

RECEIVED: Jun. 08, 2011

API Well Number: 43047515470000



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

B-36-8-17 (Proposed Well)
C-36-8-17 (Proposed Well)
2-36-8-17 (Existing Well)
SEC. 36, T8S, R17E, S.L.B.&M. Uintah County, UT.

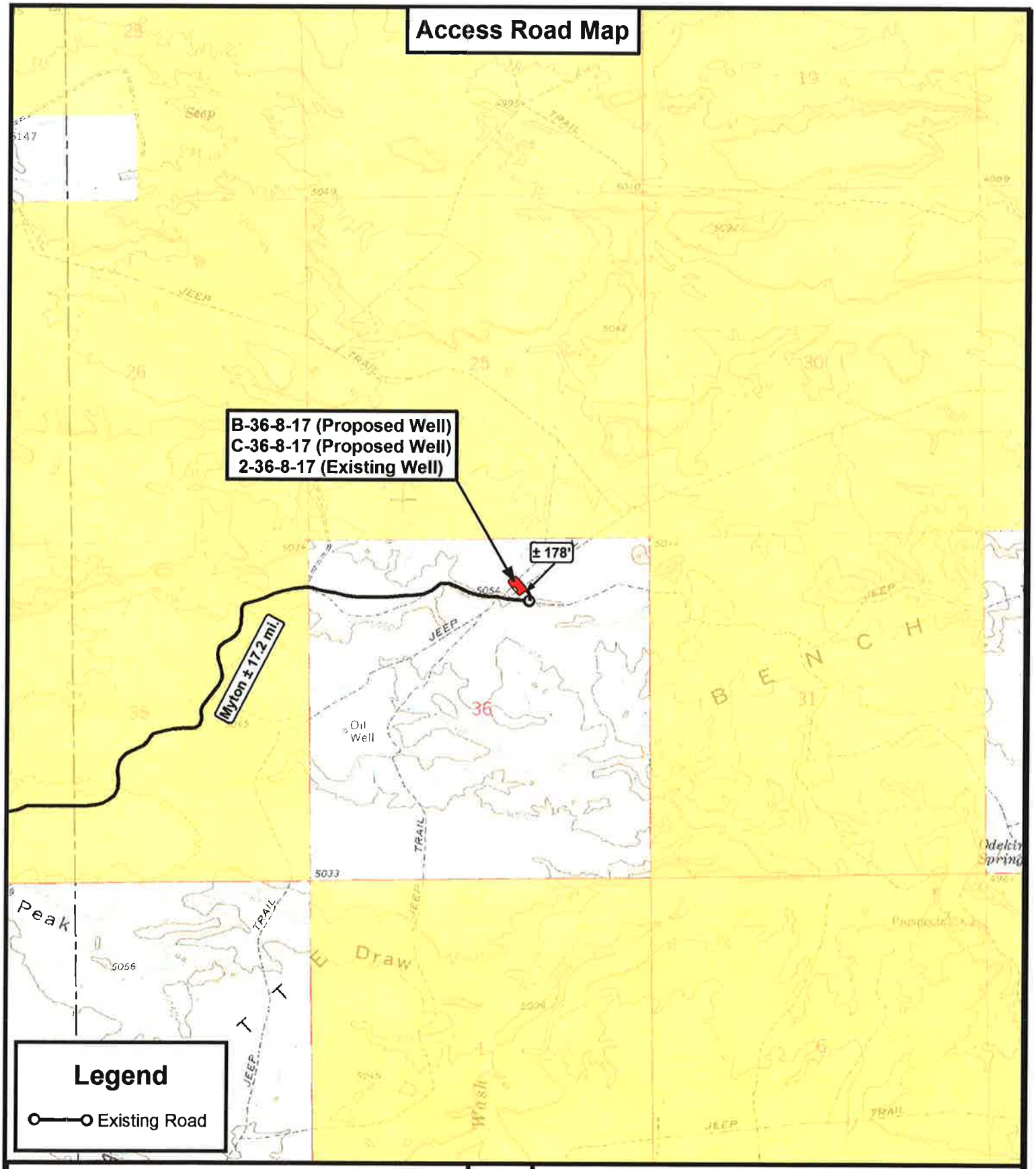
DRAWN BY:	J.A.S.	VERSION:	V1
DATE:	03-10-2011		
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

RECEIVED: Jun. 08, 2011

API Well Number: 43047515470000



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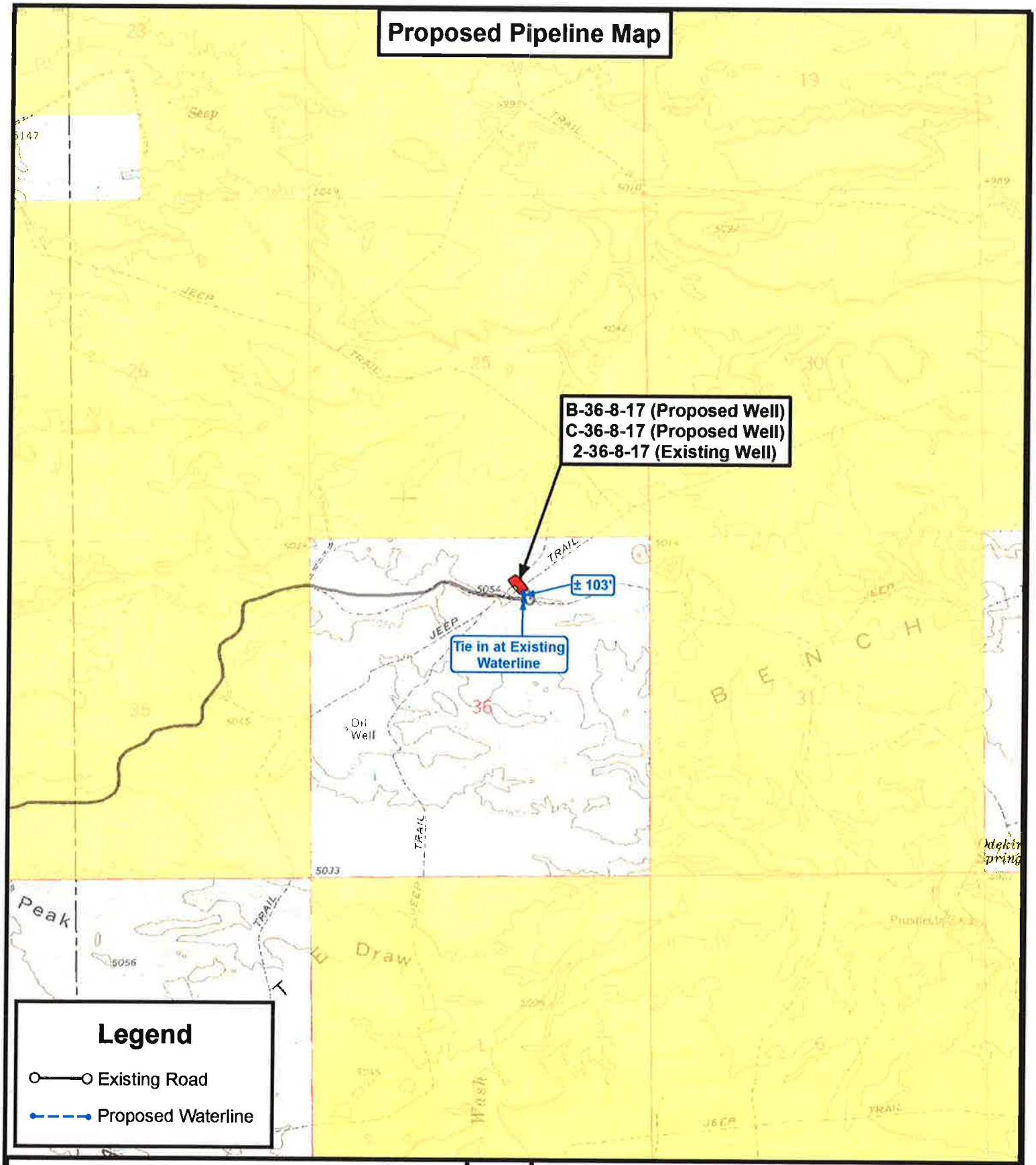
C-36-8-17 (Proposed Well)
2-36-8-17 (Existing Well)
SEC. 36, T8S, R17E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	J.A.S.	VERSION:	
DATE:	03-10-2011	V1	TOPOGRAPHIC MAP
SCALE:	1 " = 2,000 '		SHEET B

RECEIVED: Jun. 08, 2011

API Well Number: 43047515470000

Proposed Pipeline Map



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N

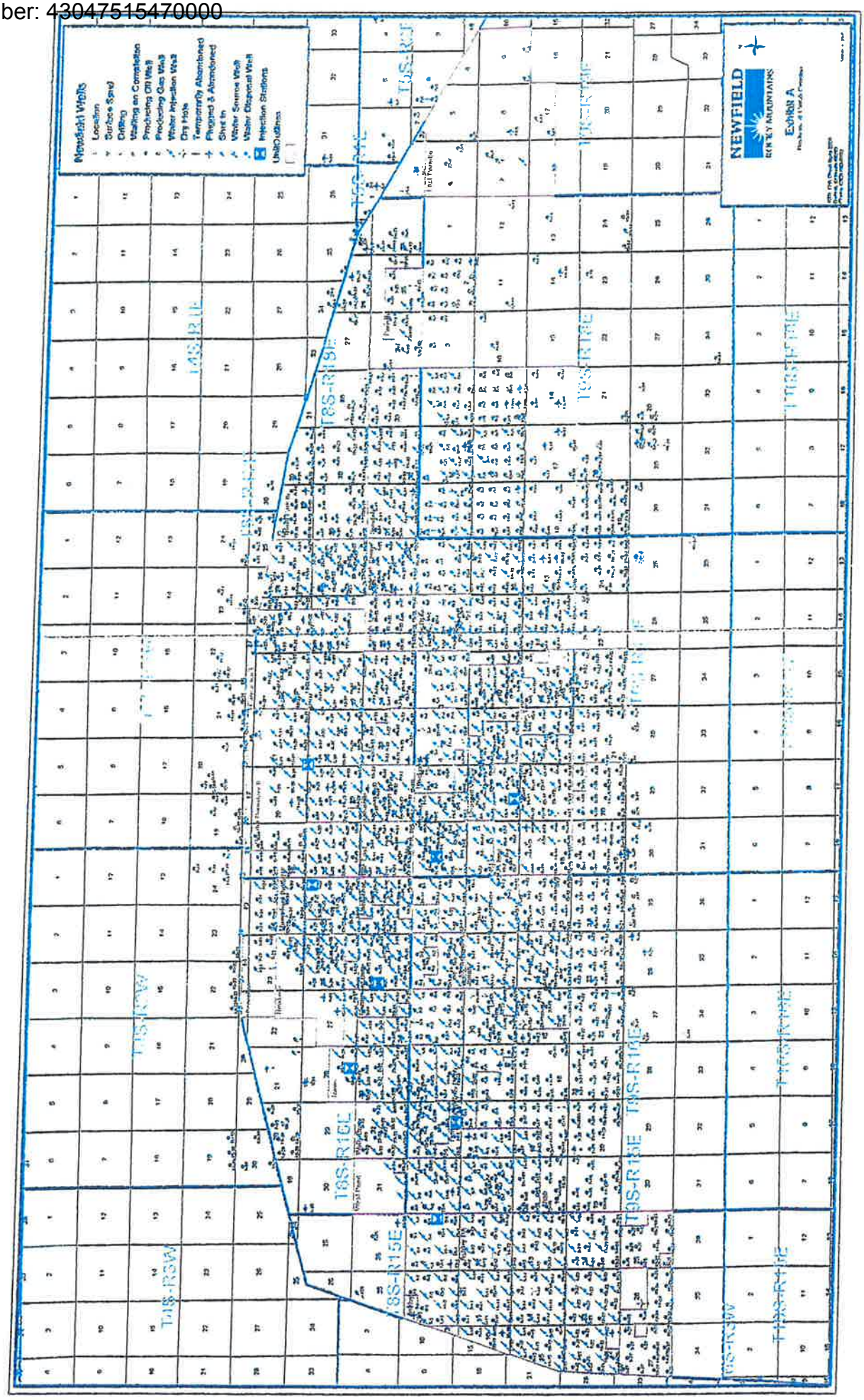
NEWFIELD EXPLORATION COMPANY

B-36-8-17 (Proposed Well)
C-36-8-17 (Proposed Well)
2-36-8-17 (Existing Well)
SEC. 36, T8S, R17E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	J.A.S.	VERSION:	
DATE:	03-10-2011	V1	TOPOGRAPHIC MAP
SCALE:	1 " = 2,000 '		SHEET C

RECEIVED: Jun. 08, 2011

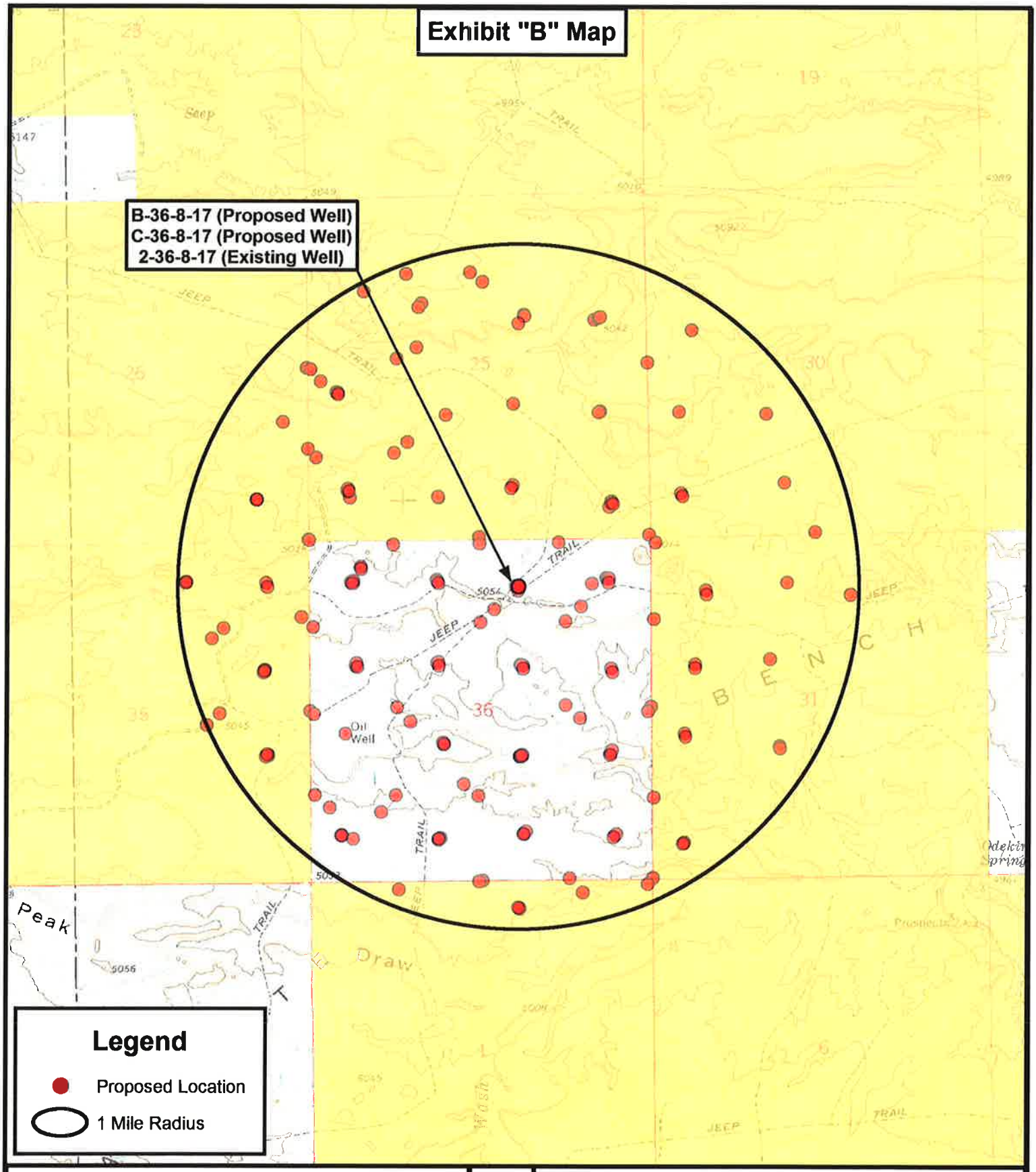
API Well Number: 43047515470000



RECEIVED: Jun. 08, 2011

API Well Number: 43047515470000

Exhibit "B" Map



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N

NEWFIELD EXPLORATION COMPANY

B-36-8-17 (Proposed Well)
C-36-8-17 (Proposed Well)
2-36-8-17 (Existing Well)
SEC. 36, T8S, R17E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	J.A.S.	VERSION:	TOPOGRAPHIC MAP
DATE:	03-10-2011	V1	SHEET D
SCALE:	1 " = 2,000 '		

RECEIVED: Jun. 08, 2011

API Well Number: 43047515470000

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 36 T8S, R17E
C-36-8-17

Wellbore #1

Plan: Design #1

Standard Planning Report

26 May, 2011

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NEWFIELD

PayZone Directional Services, LLC.

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well C-36-8-17
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	C-36-8-17 @ 5054.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	**MD Reference:**	C-36-8-17 @ 5054.0ft (Newfield Rig)
Site:	SECTION 36 T8S, R17E	**North Reference:**	True
Well:	C-36-8-17	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site SECTION 36 T8S, R17E

Site Position:		**Northing:**	7,200,290.92 ft	**Latitude:**	40° 4' 35.190 N
From:	Lat/Long	**Easting:**	2,072,102.31 ft	**Longitude:**	109° 57' 26.000 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.99 °

Well C-36-8-17, SHL LAT:40 04 46.52 LONG: -109 57 10.15

Well Position	**+N/-S**	1,146.4 ft	**Northing:**	7,201,458.42 ft	**Latitude:**	40° 4' 46.520 N
	+E/-W	1,232.0 ft	**Easting:**	2,073,314.30 ft	**Longitude:**	109° 57' 10.150 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,054.0 ft	**Ground Level:**	5,042.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/03/15	11.31	65.85	52,333

Design Design #1

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	318.34

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,208.3	9.12	318.34	1,205.7	36.1	-32.1	1.50	1.50	0.00	318.34	
6,469.1	9.12	318.34	6,400.0	659.3	-586.6	0.00	0.00	0.00	0.00	C-36-8-17 TGT

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PayZone Directional Services, LLC.

Planning Report

PAYZONE DIRECTIONAL

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Company:	NEWFIELD EXPLORATION	**TVD Reference:**	C-36-8-17 @ 5054.0ft (Newfield Rig)
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Site:	SECTION 36 T8S, R17E	**North Reference:**	True
Well:	C-36-8-17	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	318.34	700.0	1.0	-0.9	1.3	1.50	1.50	0.00
800.0	3.00	318.34	799.9	3.9	-3.5	5.2	1.50	1.50	0.00
900.0	4.50	318.34	899.7	8.8	-7.8	11.8	1.50	1.50	0.00
1,000.0	6.00	318.34	999.3	15.6	-13.9	20.9	1.50	1.50	0.00
1,100.0	7.50	318.34	1,098.6	24.4	-21.7	32.7	1.50	1.50	0.00
1,208.3	9.12	318.34	1,205.7	36.1	-32.1	48.3	1.50	1.50	0.00
1,300.0	9.12	318.34	1,296.3	47.0	-41.8	62.9	0.00	0.00	0.00
1,400.0	9.12	318.34	1,395.0	58.8	-52.3	78.7	0.00	0.00	0.00
1,500.0	9.12	318.34	1,493.7	70.7	-62.9	94.6	0.00	0.00	0.00
1,600.0	9.12	318.34	1,592.5	82.5	-73.4	110.4	0.00	0.00	0.00
1,700.0	9.12	318.34	1,691.2	94.4	-84.0	126.3	0.00	0.00	0.00
1,800.0	9.12	318.34	1,789.9	106.2	-94.5	142.2	0.00	0.00	0.00
1,900.0	9.12	318.34	1,888.7	118.1	-105.0	158.0	0.00	0.00	0.00
2,000.0	9.12	318.34	1,987.4	129.9	-115.6	173.9	0.00	0.00	0.00
2,100.0	9.12	318.34	2,086.2	141.7	-126.1	189.7	0.00	0.00	0.00
2,200.0	9.12	318.34	2,184.9	153.6	-136.7	205.6	0.00	0.00	0.00
2,300.0	9.12	318.34	2,283.6	165.4	-147.2	221.4	0.00	0.00	0.00
2,400.0	9.12	318.34	2,382.4	177.3	-157.7	237.3	0.00	0.00	0.00
2,500.0	9.12	318.34	2,481.1	189.1	-168.3	253.2	0.00	0.00	0.00
2,600.0	9.12	318.34	2,579.8	201.0	-178.8	269.0	0.00	0.00	0.00
2,700.0	9.12	318.34	2,678.6	212.8	-189.4	284.9	0.00	0.00	0.00
2,800.0	9.12	318.34	2,777.3	224.7	-199.9	300.7	0.00	0.00	0.00
2,900.0	9.12	318.34	2,876.0	236.5	-210.4	316.6	0.00	0.00	0.00
3,000.0	9.12	318.34	2,974.8	248.4	-221.0	332.4	0.00	0.00	0.00
3,100.0	9.12	318.34	3,073.5	260.2	-231.5	348.3	0.00	0.00	0.00
3,200.0	9.12	318.34	3,172.2	272.1	-242.1	364.2	0.00	0.00	0.00
3,300.0	9.12	318.34	3,271.0	283.9	-252.6	380.0	0.00	0.00	0.00
3,400.0	9.12	318.34	3,369.7	295.8	-263.1	395.9	0.00	0.00	0.00
3,500.0	9.12	318.34	3,468.4	307.6	-273.7	411.7	0.00	0.00	0.00
3,600.0	9.12	318.34	3,567.2	319.4	-284.2	427.6	0.00	0.00	0.00
3,700.0	9.12	318.34	3,665.9	331.3	-294.8	443.4	0.00	0.00	0.00
3,800.0	9.12	318.34	3,764.6	343.1	-305.3	459.3	0.00	0.00	0.00
3,900.0	9.12	318.34	3,863.4	355.0	-315.8	475.2	0.00	0.00	0.00
4,000.0	9.12	318.34	3,962.1	366.8	-326.4	491.0	0.00	0.00	0.00
4,100.0	9.12	318.34	4,060.8	378.7	-336.9	506.9	0.00	0.00	0.00
4,200.0	9.12	318.34	4,159.6	390.5	-347.5	522.7	0.00	0.00	0.00
4,300.0	9.12	318.34	4,258.3	402.4	-358.0	538.6	0.00	0.00	0.00
4,400.0	9.12	318.34	4,357.1	414.2	-368.5	554.4	0.00	0.00	0.00
4,500.0	9.12	318.34	4,455.8	426.1	-379.1	570.3	0.00	0.00	0.00
4,600.0	9.12	318.34	4,554.5	437.9	-389.6	586.2	0.00	0.00	0.00
4,700.0	9.12	318.34	4,653.3	449.8	-400.2	602.0	0.00	0.00	0.00
4,800.0	9.12	318.34	4,752.0	461.6	-410.7	617.9	0.00	0.00	0.00
4,900.0	9.12	318.34	4,850.7	473.5	-421.2	633.7	0.00	0.00	0.00
5,000.0	9.12	318.34	4,949.5	485.3	-431.8	649.6	0.00	0.00	0.00
5,100.0	9.12	318.34	5,048.2	497.2	-442.3	665.4	0.00	0.00	0.00
5,200.0	9.12	318.34	5,146.9	509.0	-452.9	681.3	0.00	0.00	0.00
5,300.0	9.12	318.34	5,245.7	520.8	-463.4	697.2	0.00	0.00	0.00

NEWFIELD

PayZone Directional Services, LLC.

Planning Report

PAYZONE DIRECTIONAL

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well C-36-8-17
Company:	NEWFIELD EXPLORATION	**TVD Reference:**	C-36-8-17 @ 5054.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	**MD Reference:**	C-36-8-17 @ 5054.0ft (Newfield Rig)
Site:	SECTION 36 T8S, R17E	**North Reference:**	True
Well:	C-36-8-17	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

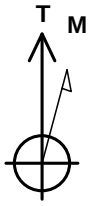
Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,400.0	9.12	318.34	5,344.4	532.7	-473.9	713.0	0.00	0.00	0.00
5,500.0	9.12	318.34	5,443.1	544.5	-484.5	728.9	0.00	0.00	0.00
5,600.0	9.12	318.34	5,541.9	556.4	-495.0	744.7	0.00	0.00	0.00
5,700.0	9.12	318.34	5,640.6	568.2	-505.6	760.6	0.00	0.00	0.00
5,800.0	9.12	318.34	5,739.3	580.1	-516.1	776.4	0.00	0.00	0.00
5,900.0	9.12	318.34	5,838.1	591.9	-526.6	792.3	0.00	0.00	0.00
6,000.0	9.12	318.34	5,936.8	603.8	-537.2	808.2	0.00	0.00	0.00
6,100.0	9.12	318.34	6,035.5	615.6	-547.7	824.0	0.00	0.00	0.00
6,200.0	9.12	318.34	6,134.3	627.5	-558.3	839.9	0.00	0.00	0.00
6,300.0	9.12	318.34	6,233.0	639.3	-568.8	855.7	0.00	0.00	0.00
6,400.0	9.12	318.34	6,331.7	651.2	-579.3	871.6	0.00	0.00	0.00
6,469.1	9.12	318.34	6,400.0	659.3	-586.6	882.5	0.00	0.00	0.00
C-36-8-17 TGT									

API Well Number: 43047515470000

NEWFIELD

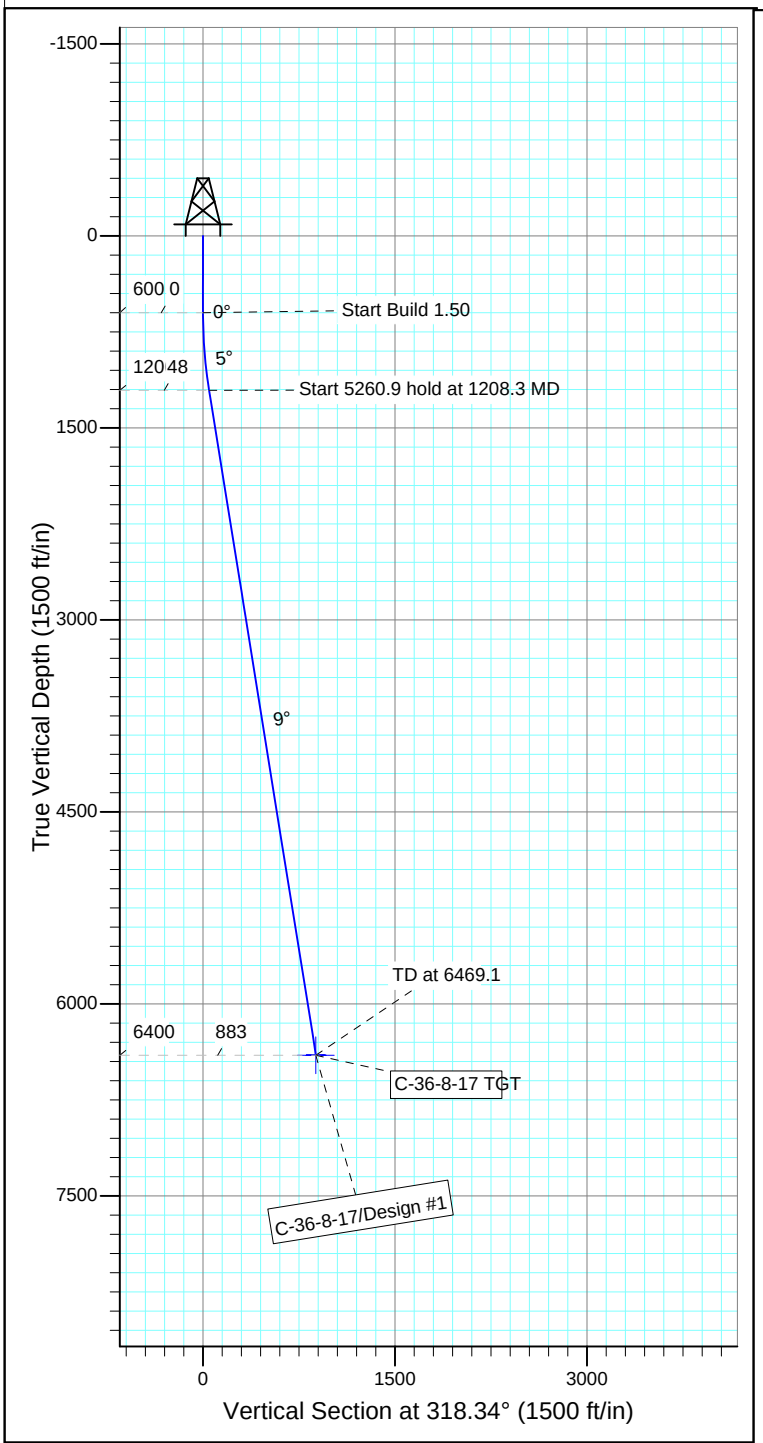
Project: USGS Myton SW (UT)
Site: SECTION 36 T8S, R17E
Well: C-36-8-17
Wellbore: Wellbore #1
Design: Design #1

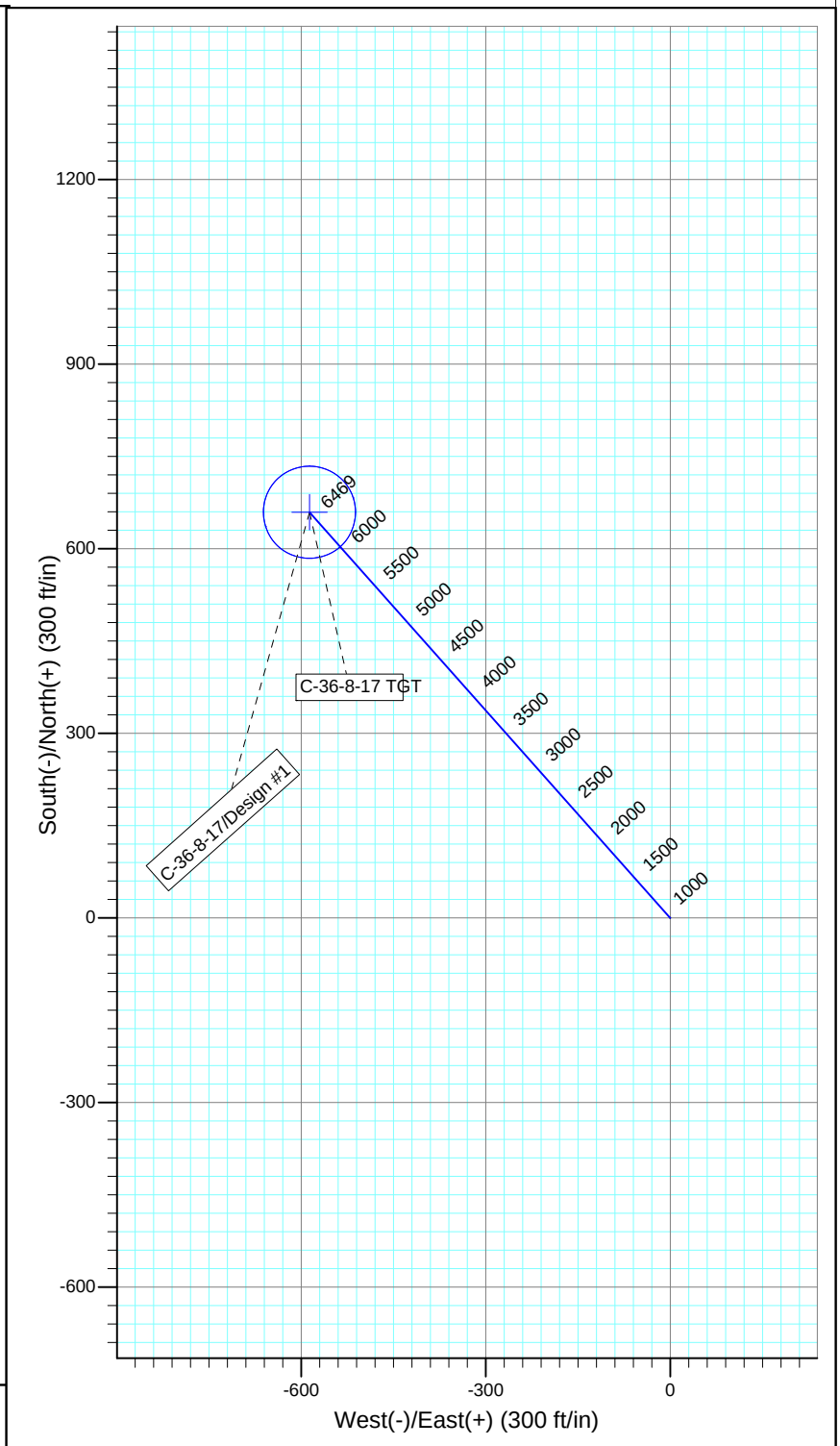


Azimuths to True North
Magnetic North: 11.31°

Magnetic Field
Strength: 52333.4snT
Dip Angle: 65.85°
Date: 2011/03/15
Model: IGRF2010

KOP @ 600'
DOGLEG RATE 1.5 DEG/100
TARGET RADIUS IS 75'





WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
C-36-8-17 TGT	6400.0	659.3	-586.6	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1208.3	9.12	318.34	1205.7	36.1	-32.1	1.50	318.34	48.3	
4	6469.1	9.12	318.34	6400.0	659.3	-586.6	0.00	0.00	882.5	C-36-8-17 TGT

PAYZONE DIRECTIONAL

NEWFIELD PRODUCTION COMPANY
GMBU C-36-8-17
AT SURFACE: NW/NE SECTION 36, T8S, R17E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. *EXISTING ROADS*

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU C-36-8-17 located in the NW 1/4 NE 1/4 Section 36, T8S, R17E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly – 11.7 miles ± to it's junction with an existing road to the northeast; proceed northeasterly – 4.1 miles ± to the access road to the existing 2-36-8-17 well pad.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. *PLANNED ACCESS ROAD*

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 2-36-8-17 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. *LOCATION OF EXISTING WELLS*

Refer to Exhibit "B".

4. *LOCATION OF EXISTING AND/OR PROPOSED FACILITIES*

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

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Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. ***LOCATION AND TYPE OF WATER SUPPLY***

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. ***SOURCE OF CONSTRUCTION MATERIALS***

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. ***METHODS FOR HANDLING WASTE DISPOSAL***

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. ***ANCILLARY FACILITIES***

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There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. ***WELL SITE LAYOUT***

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.

b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times

d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. ***SURFACE OWNERSHIP*** – State of Utah.

11. ***OTHER ADDITIONAL INFORMATION :***

Newfield Production Company requests 103' of buried water line to be granted . It is proposed that the disturbed area will be 30' wide to allow for construction of the proposed buried 10" steel

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water injection line and a buried 3" poly water return line. The proposed buried water lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** The proposed water pipelines will be buried in a 4-5' deep trench constructed with a trencher or backhoe for the length of the proposal. The equipment will run on the surface and not be flat bladed to minimize surface impacts to precious topsoil in these High Desert environments. If possible, all proposed surface gas pipelines will be installed on the same side of the road as existing gas lines. The construction phase of the proposed water lines will last approximately (5) days.

In the event that the proposed well is converted to a water injection well, a Sundry Notice form will be applied for through the State of Utah DOGM office.

a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU C-36-8-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU C-36-8-17, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

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13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**

Representative

Name: Tim Eaton

Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052

Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #C-36-8-17, Section 36, Township 8S. Range 17E: Lease ML-44305 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by. Federal Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

3/24/11
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

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API Well Number: 43047515470000

2-M SYSTEM

Blowout Prevention Equipment Systems

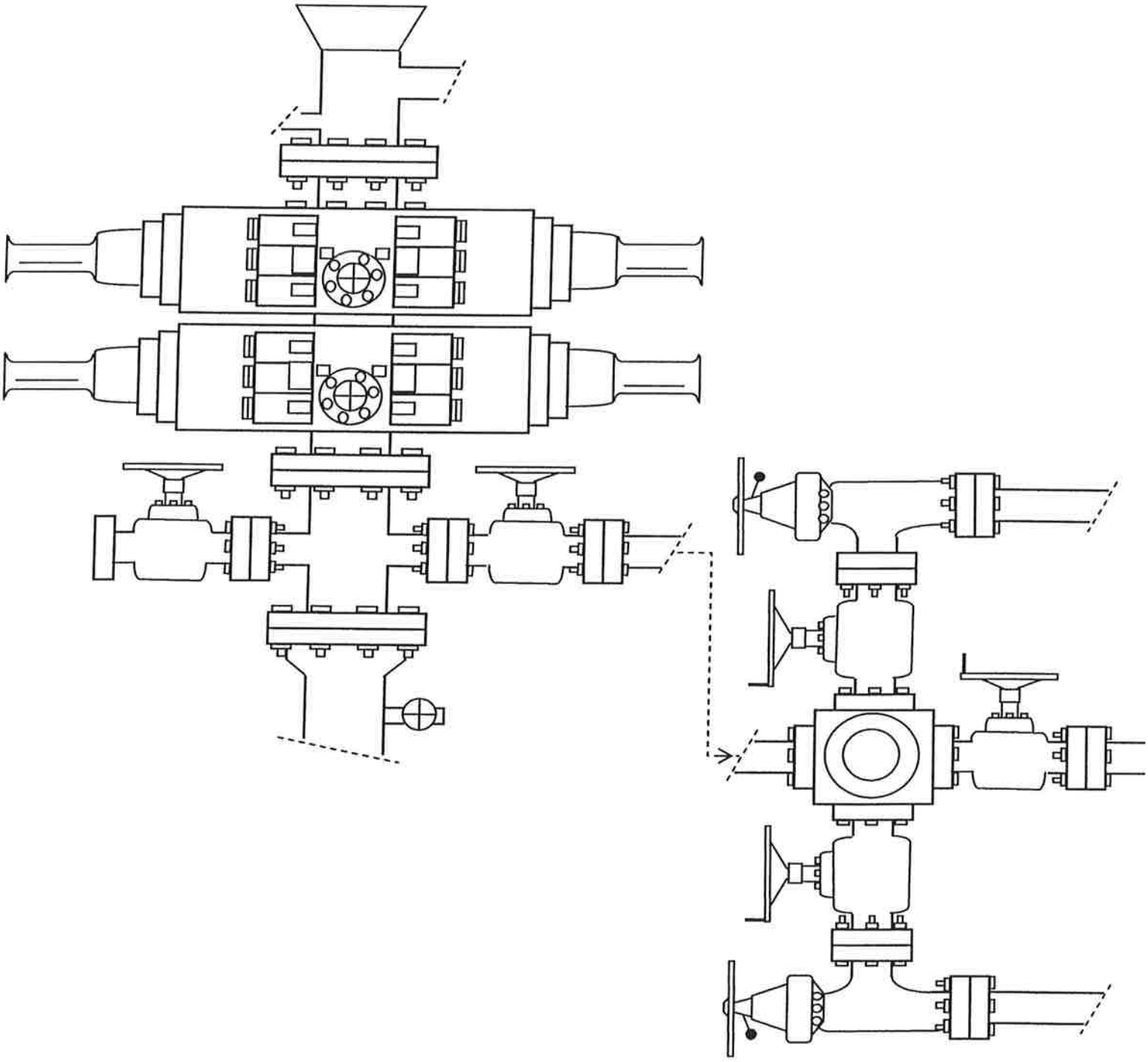

EXHIBIT C

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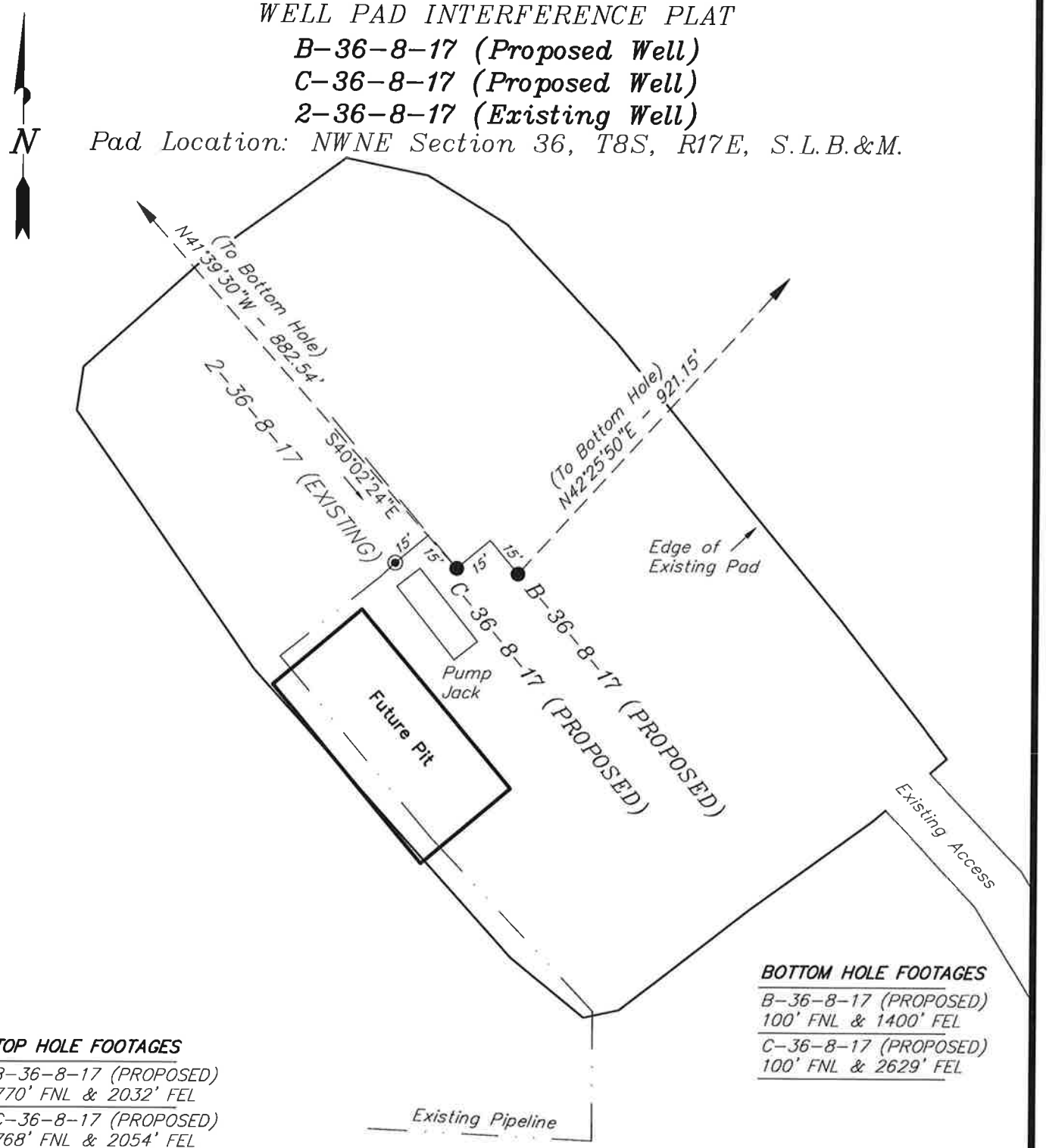
NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

B-36-8-17 (Proposed Well)
C-36-8-17 (Proposed Well)
2-36-8-17 (Existing Well)

Pad Location: NWNE Section 36, T8S, R17E, S.L.B.&M.



TOP HOLE FOOTAGES

B-36-8-17 (PROPOSED)
770' FNL & 2032' FEL

C-36-8-17 (PROPOSED)
768' FNL & 2054' FEL

BOTTOM HOLE FOOTAGES

B-36-8-17 (PROPOSED)
100' FNL & 1400' FEL

C-36-8-17 (PROPOSED)
100' FNL & 2629' FEL

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
B-36-8-17	680'	621'
C-36-8-17	659'	-587'

Note: Bearings are based on GPS Observations.

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
B-36-8-17	40° 04' 46.50"	109° 57' 09.88"
C-36-8-17	40° 04' 46.52"	109° 57' 10.15"
2-36-8-17	40° 04' 46.54"	109° 57' 10.42"

SURVEYED BY: C.D.S.	DATE SURVEYED: 01-24-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 03-08-11	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:		

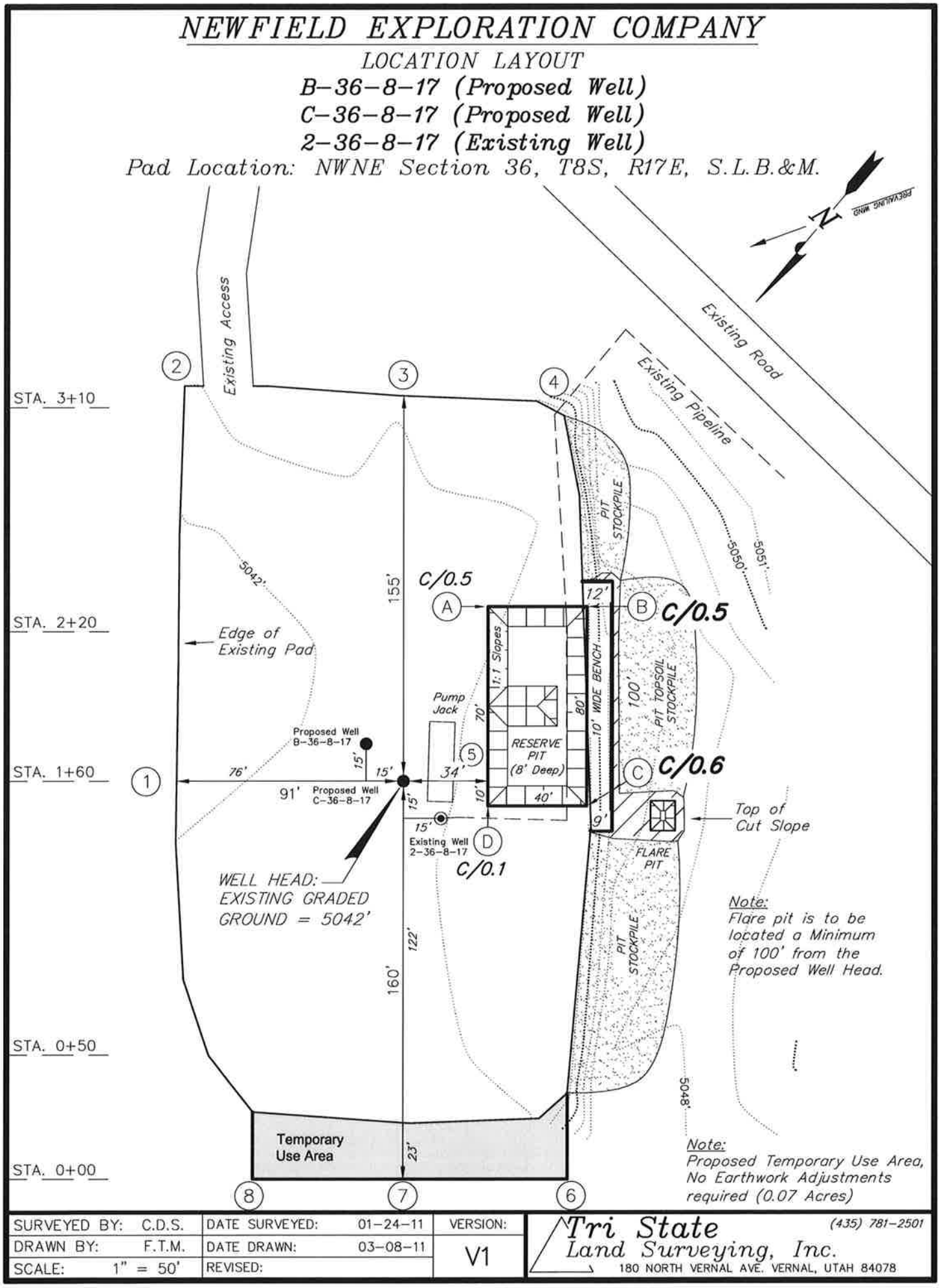
RECEIVED: Jun. 08, 2011

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT

B-36-8-17 (Proposed Well)
C-36-8-17 (Proposed Well)
2-36-8-17 (Existing Well)

Pad Location: NWNE Section 36, T8S, R17E, S.L.B.&M.



Note:
Flare pit is to be located a Minimum of 100' from the Proposed Well Head.

Note:
Proposed Temporary Use Area, No Earthwork Adjustments required (0.07 Acres)

SURVEYED BY: C.D.S.	DATE SURVEYED: 01-24-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 03-08-11	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:		

RECEIVED: Jun. 08, 2011

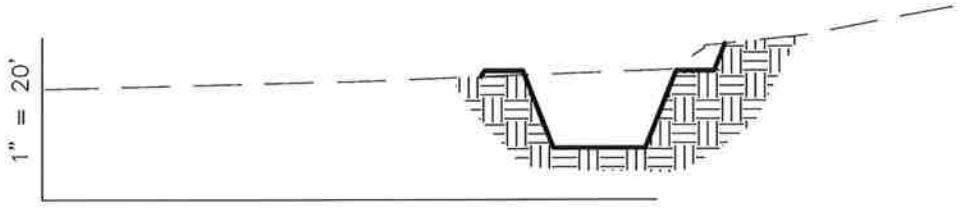
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

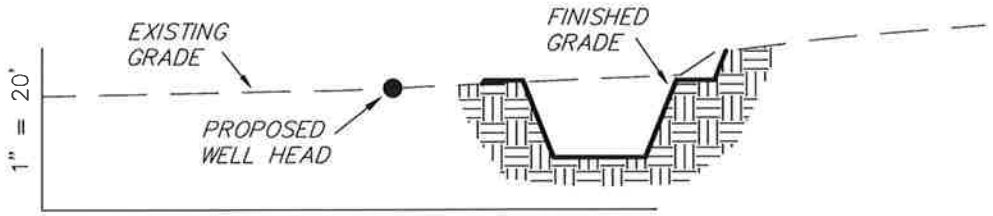
B-36-8-17 (Proposed Well)
C-36-8-17 (Proposed Well)
2-36-8-17 (Existing Well)

Pad Location: NWNE Section 36, T8S, R17E, S.L.B.&M.

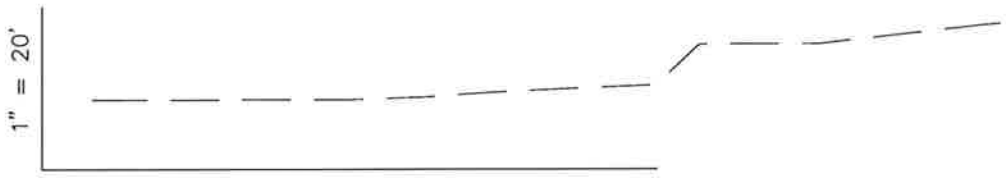
STA. 3+10



STA. 2+20



STA. 1+60



STA. 0+50

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	10	20	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	650	20	130	630

NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

SURVEYED BY: C.D.S.	DATE SURVEYED: 01-24-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 03-08-11	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:		

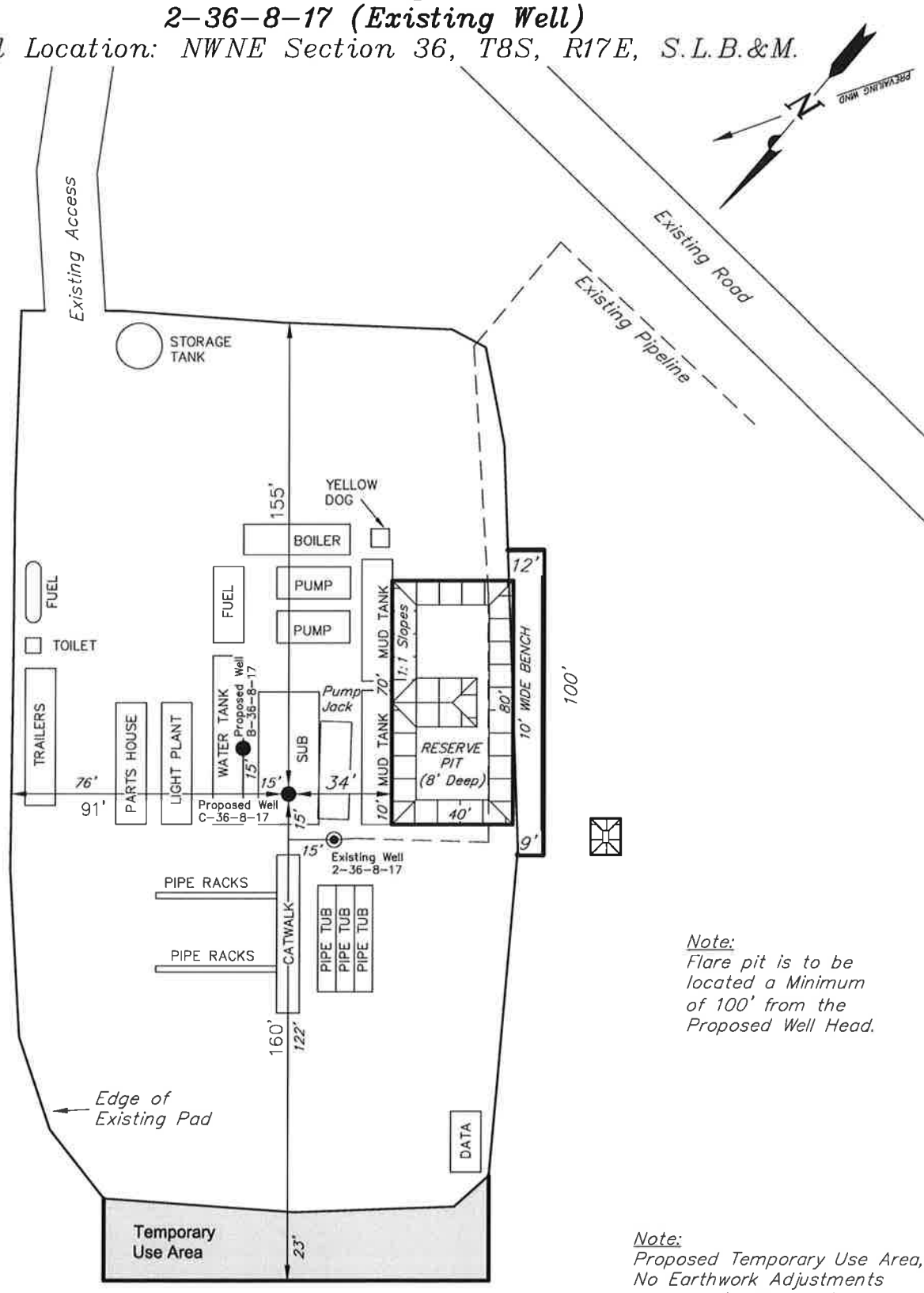
RECEIVED: Jun. 08, 2011

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

B-36-8-17 (Proposed Well)
C-36-8-17 (Proposed Well)
2-36-8-17 (Existing Well)

Pad Location: NWNE Section 36, T8S, R17E, S.L.B.&M.



Note:
Flare pit is to be located a Minimum of 100' from the Proposed Well Head.

Note:
Proposed Temporary Use Area, No Earthwork Adjustments required (0.07 Acres)

SURVEYED BY: C.D.S.	DATE SURVEYED: 01-24-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 03-08-11	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:		

RECEIVED: Jun. 08, 2011

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

March 25, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-50656	GMBU P-32-8-17	Sec 32 T08S R17E 0500 FSL 0675 FWL BHL Sec 32 T08S R17E 1325 FSL 0100 FWL
43-013-50657	GMBU W-32-8-17	Sec 32 T08S R17E 0773 FSL 1997 FWL BHL Sec 32 T08S R17E 0100 FSL 2614 FWL
43-047-51546	GMBU B-36-8-17	Sec 36 T08S R17E 0770 FNL 2032 FEL BHL Sec 36 T08S R17E 0100 FNL 1400 FEL
43-047-51547	GMBU C-36-8-17	Sec 36 T08S R17E 0768 FNL 2054 FEL BHL Sec 36 T08S R17E 0100 FNL 2629 FEL
43-047-51548	GMBU D-36-8-17	Sec 36 T08S R17E 0668 FNL 1987 FWL BHL Sec 36 T08S R17E 0100 FNL 1320 FWL
43-013-50658	GMBU O-32-8-17	Sec 32 T08S R17E 1923 FNL 0555 FWL BHL Sec 32 T08S R17E 2595 FSL 0100 FWL
43-047-51549	GMBU B-2-9-17	Sec 02 T09S R17E 0634 FNL 0643 FEL BHL Sec 02 T09S R17E 0100 FNL 1235 FEL
43-047-51550	GMBU J-2-9-17	Sec 02 T09S R17E 0650 FNL 0658 FEL BHL Sec 02 T09S R17E 1330 FNL 0100 FEL

RECEIVED: Jun. 08, 2011

API #	WELL NAME	LOCATION

(Proposed PZ GREEN RIVER)

43-047-51551 GMBU C-2-9-17 Sec 02 T09S R17E 0502 FNL 1961 FEL
BHL Sec 02 T09S R17E 0100 FNL 2575 FWL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

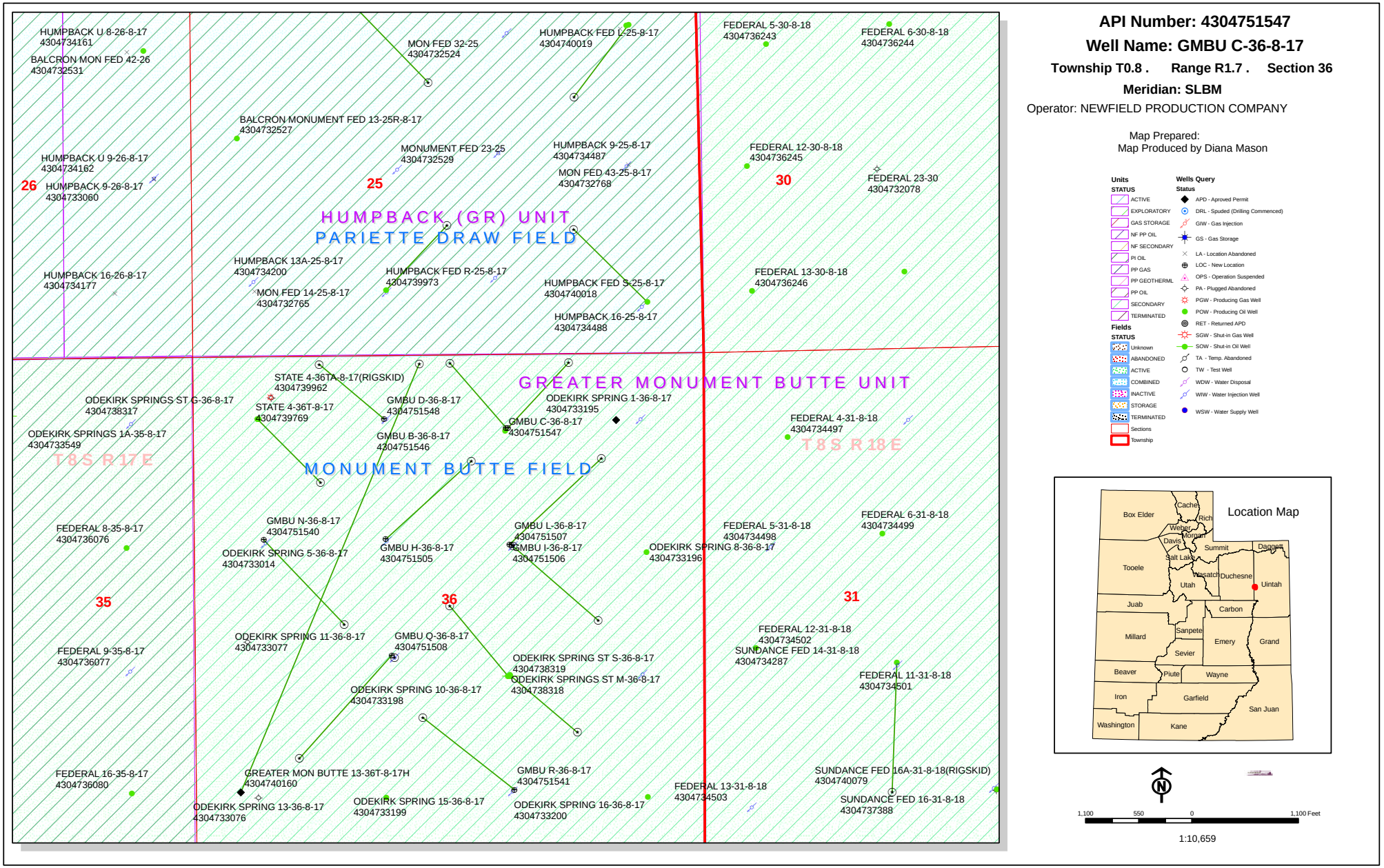
Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.03.25 09:53:50 -06'00'

bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:3-25-11

RECEIVED: Jun. 08, 2011

API Well Number: 43047515470000



API Number: 4304751547

Well Name: GMBU C-36-8-17

Township T0.8 . Range R1.7 . Section 36

Meridian: SLBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

1:10,659

RECEIVED: Jun. 08, 2011

NEWFIELD
ROCKY MOUNTAINS

VIA ELECTRONIC DELIVERY

March 28, 2011

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
GMBU C-36-8-17
Greater Monument Butte (Green River) Unit

Surface Hole: T8S-R17E Section 36: NWNE (ML-44305)
768' FNL 2054' FEL

At Target: T8S-R17E Section 36: NWNE (ML-44305)
100' FNL 2629' FEL

Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 3/24/11, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-exiting roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4197 or by email at sgillespie@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

Shane Gillespie
Land Associate

1001 17th Street, Suite 2000 Denver, CO 80202 (303) 893-0102 Fax (303) 893-0103

RECEIVED: Jun. 08, 2011

API Well Number: 43047515470000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5 MINERAL LEASE NO: ML-44305	6 SURFACE: State
1A TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7 IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
B TYPE OF WELL: OIL ☑ GAS ☐ OTHER _____ SINGLE ZONE ☑ MULTIPLE ZONE ☐	8 UNIT or CA AGREEMENT NAME: Greater Monument Butte
2 NAME OF OPERATOR: Newfield Production Company	9 WELL NAME and NUMBER: GMBU C-36-8-17
3 ADDRESS OF OPERATOR: Route #3 Box 3630 Myton UT 84052 — PHONE NUMBER: (435) 646-3721	10 FIELD AND POOL, OR WILDCAT: Monument Butte
4 LOCATION OF WELL (FOOTAGES) AT SURFACE: NW/NE 768' FNL 2054' FEL Sec. 36 T8S R17E AT PROPOSED PRODUCING ZONE: NW/NE 100' FNL 2629' FEL Sec. 36 T8S R17E	11 QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 36 8S 17E
14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 17.2 miles southeast of Myton, Utah	12 COUNTY: Uintah — 13 STATE: UTAH
15 DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): Approx. 100' f/lse line, NA' f/unit line	16 NUMBER OF ACRES IN LEASE: 640.00 acres — 17 NUMBER OF ACRES ASSIGNED TO THIS WELL: 20 acres
18 DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): Approx. 1248'	19 PROPOSED DEPTH: 6,527 — 20 BOND DESCRIPTION: #B001834
21 ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5042' GL	22 APPROXIMATE DATE WORK WILL START: 3rd Qrtr 2011 — 23 ESTIMATED DURATION: (15) days from SPUD to rig release

24 PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE	GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12 1/4	8 5/8	J-55 24.0	300	Class G w/2% CaCl	155 sx +/-	1.17	15.8
7 7/8	5 1/2	J-55 15.5	6,527	Lead(Prem Lite II)	275 sx +/-	3.26	11.0
				Tail (50/50 Poz)	450 sx +/-	1.24	14.3

25 ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Mandie Crozier — TITLE Regulatory Specialist

SIGNATURE Mandie Crozier — DATE 3/24/11

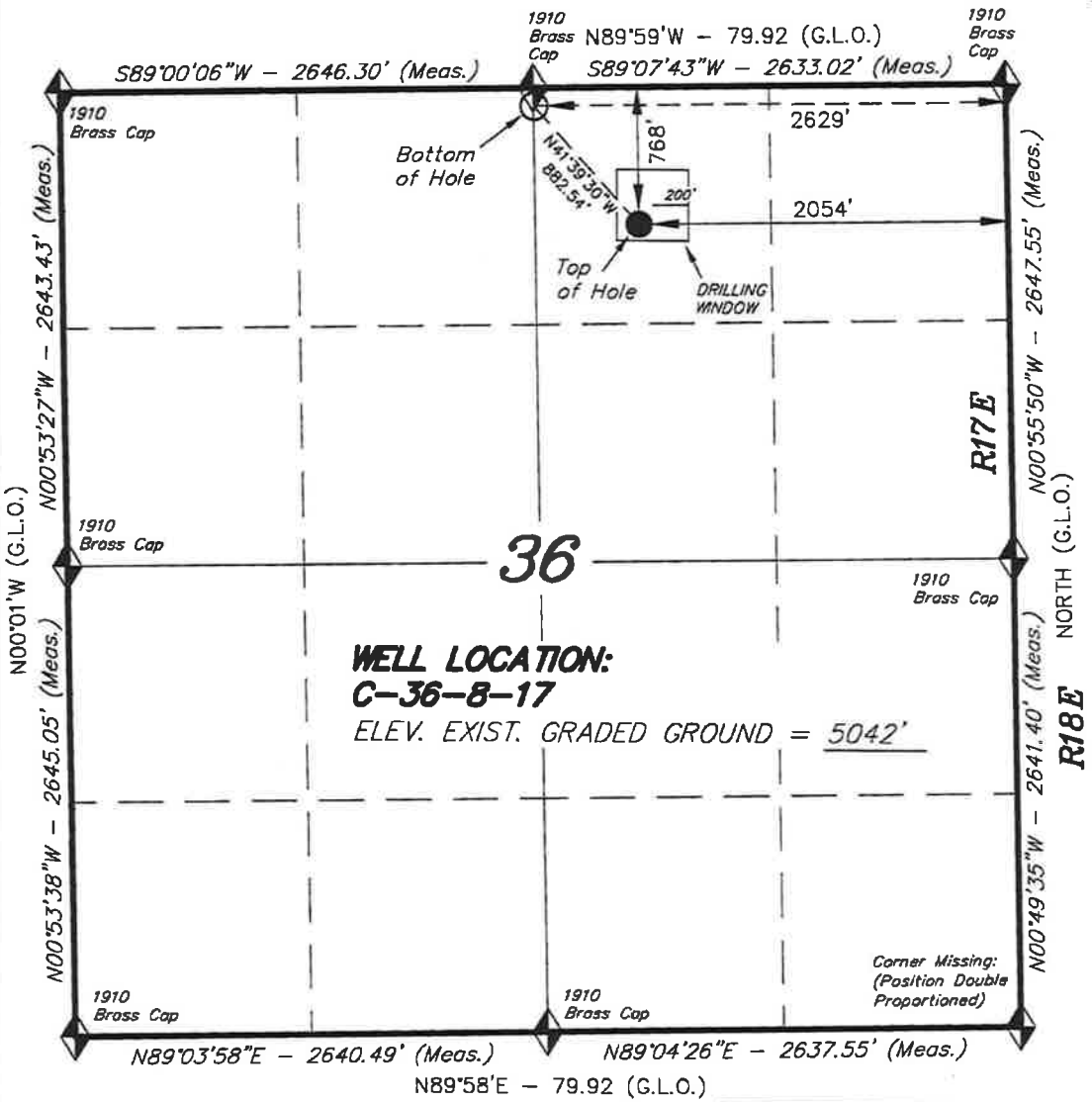
(This space for State use only)

API NUMBER ASSIGNED _____ APPROVAL

(11/2001) (See Instructions on Reverse Side)

RECEIVED: Jun. 08, 2011

T8S, R17E, S.L.B.&M.



BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

C-36-8-17 (Surface Location)	NAD 83
LATITUDE =	40° 04' 46.52"
LONGITUDE =	109° 57' 10.15"

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, C-36-8-17, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 36, T8S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.

TARGET BOTTOM HOLE, C-36-8-17, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 36, T8S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.

1000' 500' 0' 1000'

BAR SCALE

N

NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Bottom of Hole footages are 100' FNL & 2629' FEL.

◆ = SECTION CORNERS LOCATED

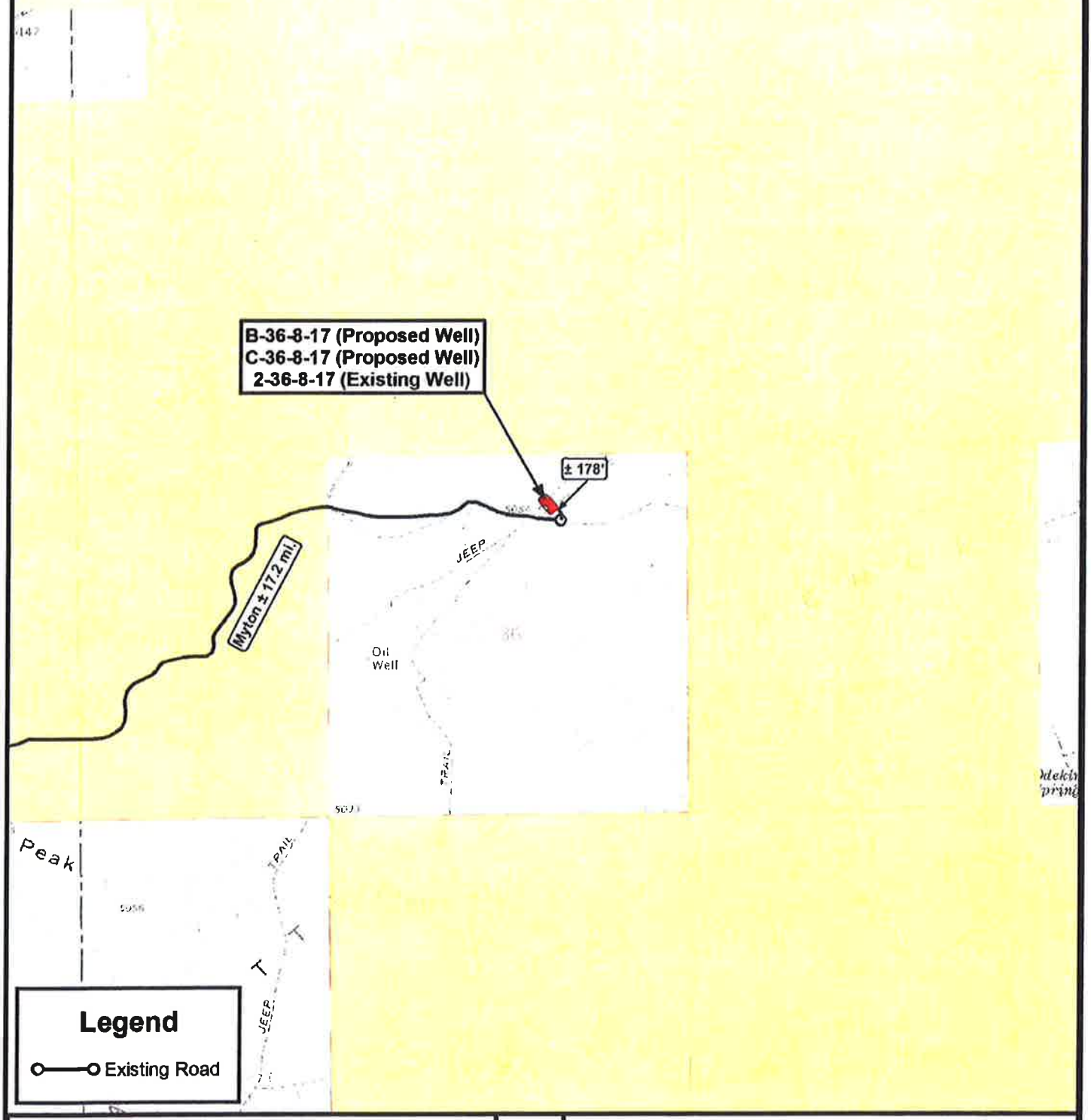
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH
03-08-11
STACY W. STEWART

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 01-24-11	SURVEYED BY: C.D.S.	VERSION:
DATE DRAWN: 03-08-11	DRAWN BY: F.T.M.	V1
REVISED:	SCALE: 1" = 1000'	

Access Road Map



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

B-36-8-17 (Proposed Well)
C-36-8-17 (Proposed Well)
2-36-8-17 (Existing Well)
SEC. 36, T8S, R17E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	J.A.S.	VERSION:	V1
DATE:	03-10-2011		
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP — SHEET **B**

RECEIVED: Jun. 08, 2011

From: Jim Davis
To: Bonner, Ed; Garrison, LaVonne; Hill, Brad; Mason, Diana
CC: mcrozier@newfield.com; teaton@newfield.com
Date: 5/12/2011 1:27 PM
Subject: Last two Newfield approvals

The following APDs have been approved by SITLA including arch and paleo clearance.

4304751546 GMBU B-36-8-17
4304751547 GMBU C-36-8-17

Thanks.
-Jim

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156

RECEIVED: **Jun. 08, 2011**

API Well Number: 43047515470000

BOPE REVIEW NEWFIELD PRODUCTION COMPANY GMBU C-36-8-17 43047515470000

Well Name	NEWFIELD PRODUCTION COMPANY GMBU C-36-8-17 4304			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	300	6400		
Previous Shoe Setting Depth (TVD)	0	300		
Max Mud Weight (ppg)	8.3	8.4		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2771	8.3		

Calculations	Surf String	8.625	"		
Max BHP (psi)	.052*Setting Depth*MW=	129			
			BOPE Adequate For Drilling And Setting Casing at Depth?		
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	93	YES	air drill	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	63	YES	OK	
			*Can Full Expected Pressure Be Held At Previous Shoe?		
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	63	NO	OK	
Required Casing/BOPE Test Pressure=		300	psi		
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi	*Assumes 1psi/ft frac gradient	

Calculations	Prod String	5.500	"		
Max BHP (psi)	.052*Setting Depth*MW=	2796			
			BOPE Adequate For Drilling And Setting Casing at Depth?		
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2028	NO		
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1388	YES	OK	
			*Can Full Expected Pressure Be Held At Previous Shoe?		
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1454	NO	Reasonable for area	
Required Casing/BOPE Test Pressure=		2000	psi		
*Max Pressure Allowed @ Previous Casing Shoe=		300	psi	*Assumes 1psi/ft frac gradient	

Calculations	String		"		
Max BHP (psi)	.052*Setting Depth*MW=				
			BOPE Adequate For Drilling And Setting Casing at Depth?		
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO		
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO		
			*Can Full Expected Pressure Be Held At Previous Shoe?		
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO		
Required Casing/BOPE Test Pressure=			psi		
*Max Pressure Allowed @ Previous Casing Shoe=			psi	*Assumes 1psi/ft frac gradient	

Calculations	String		"		
Max BHP (psi)	.052*Setting Depth*MW=				
			BOPE Adequate For Drilling And Setting Casing at Depth?		
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO		
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO		
			*Can Full Expected Pressure Be Held At Previous Shoe?		
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO		
Required Casing/BOPE Test Pressure=			psi		

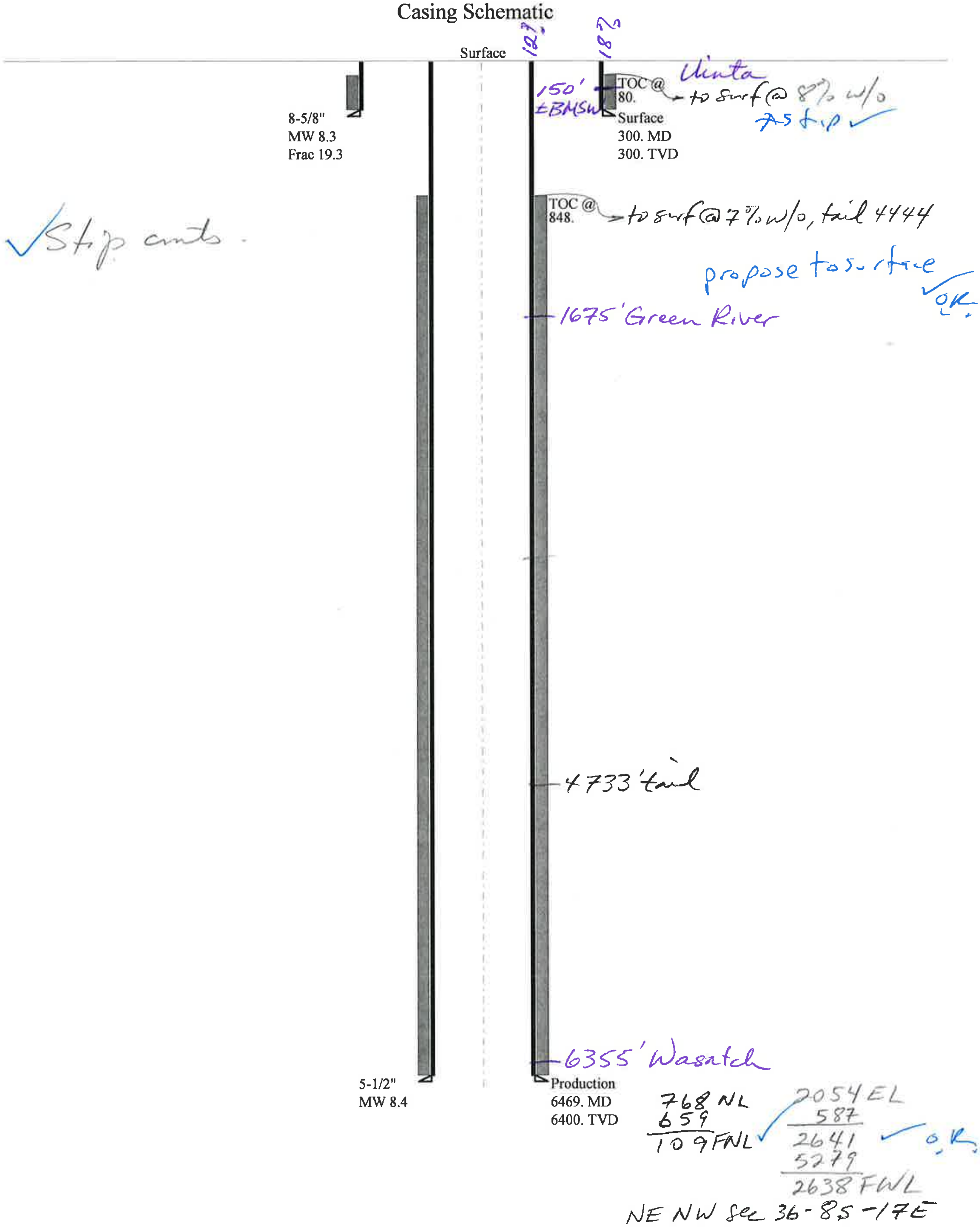
RECEIVED: Jun. 08, 2011

***Max Pressure Allowed @ Previous Casing Shoe=**		psi *Assumes 1psi/ft frac gradient

RECEIVED: Jun. 08, 2011

43047515470000 GMBU C-36-8-17

Casing Schematic



RECEIVED: Jun. 08, 2011

Well name:	**43047515470000 GMBU C-36-8-17**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Surface
Project ID:	43-047-51547
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 264 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 300 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 262 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 78 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 80 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 6,400 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,793 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 300 ft
Injection pressure: 300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	300	8.625	24.00	J-55	ST&C	300	300	7.972	1544

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	130	1370	10.557	300	2950	9.83	7.2	244	33.90 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: May 26,2011
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 300 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

RECEIVED: Jun. 08, 2011

Well name:	**43047515470000 GMBU C-36-8-17**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Production
Project ID:	43-047-51547
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,385 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,793 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 5,694 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 164 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 856 ft

Directional Info - Build & Hold
Kick-off point 600 ft
Departure at shoe: 1193 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 12.5 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	6527	5.5	15.50	J-55	LT&C	6400	6527	4.825	23047

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2793	4040	1.447	2793	4810	1.72	99.2	217	2.19 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: May 26,2011
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 6400 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

RECEIVED: Jun. 08, 2011

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator	NEWFIELD PRODUCTION COMPANY								
Well Name	GMBU C-36-8-17								
API Number	43047515470000	**APD No**	3585	**Field/Unit**	MONUMENT BUTTE				
Location: 1/4,1/4	NWNE	**Sec**	36	**Tw**	8.0S	**Rng**	17.0E	768 FNL	2054 FEL
GPS Coord (UTM)	589348 4436916	**Surface Owner**							

Participants

Floyd Bartlett (DOGM), Tim Eaton (Newfield), Jim Davis (SITLA) and Ben Williams (UDWR).

Regional/Local Setting & Topography

The proposed GMBU B-36-8-17 and GMBU C-36-8-17 oil wells will be directional drilled from the existing pad of the existing State 2-36-8-17 existing oil well. The area is designated for 20 acre spacing. The pad will be extended 23 feet between Corners 6 and 8 to provide additional length for the rig let-down. Some re-leveling may also be needed. A catch ditch should be constructed to catch overland flow on the southwest side of the location between Corners 4 and 6. A reserve pit will be re-dug in approximately the previous location. Produced oil will be piped to another site. A field review of the existing pad showed no stability concerns as it now exists. It should be suitable for drilling and operating the proposed additional well.

SITLA owns the surface and the minerals.

Surface Use Plan

Current Surface Use
Existing Well Pad

New Road Miles	Well Pad Width	Well Pad Length	Src Const Material	Surface Formation

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna
Existing pad

Soil Type and Characteristics

Erosion Issues N

Sedimentation Issues Y

Site Stability Issues N

Drainage Diverson Required? Y

Berm Required? Y

RECEIVED: Jun. 08, 2011

Erosion Sedimentation Control Required? Y

A catch ditch should be constructed to catch overland flow on the southwest side of the location between Corners 4 and 6.

Paleo Survey Run? Y **Paleo Potental Observed?** **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)		20	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	40	1 Sensitivity Level

Characteristics / Requirements

A reserve pit will be re-dug in the original location on the west side. Its dimensions are 80' x 40' x 8' deep. A 16 mil liner with a sub-liner is required.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

Floyd Bartlett	4/6/2011
Evaluator	**Date / Time**

RECEIVED: Jun. 08, 2011

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3585	43047515470000	LOCKED	OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY		**Surface Owner-APD**		
Well Name	GMBU C-36-8-17		**Unit**	GMBU (GRRV)	
Field	MONUMENT BUTTE		**Type of Work**	DRILL	
Location	NWNE 36 8S 17E S 768 FNL 2054 FEL		GPS Coord (UTM)	589352E 4436899N	

Geologic Statement of Basis

Newfield proposes to set 300 feet of surface casing at this location. The base of the moderately saline water at this location is estimated to be at approximately 150 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 36. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement program should adequately protect any useable ground water.

Brad Hill	4/28/2011
APD Evaluator	**Date / Time**

Surface Statement of Basis

The proposed GMBU B-36-8-17 and GMBU C-36-8-17 oil wells will be directional drilled from the existing pad of the existing State 2-36-8-17 existing oil well. The area is designated for 20 acre spacing. The pad will be extended 23 feet between Corners 6 and 8 to provide additional length for the rig let-down. Some re-leveling may also be needed. A catch ditch should be constructed to catch overland flow on the southwest side of the location between Corners 4 and 6. A reserve pit will be re-dug in approximately the previous location. Produced oil will be piped to another site. A field review of the existing pad showed no stability concerns as it now exists. It should be suitable for drilling and operating the proposed additional well.

SITLA owns the surface and the minerals. Mr. Jim Davis of SITLA attended the evaluation and had no concerns. Mr. Ben Williams of the UDWR also attended and had no recommendations for wildlife.

Floyd Bartlett	4/6/2011
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: Jun. 08, 2011

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/24/2011
API NO. ASSIGNED: 43047515470000
WELL NAME: GMBU C-36-8-17
OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)
PHONE NUMBER: 435 646-4825
CONTACT: Mandie Crozier

PROPOSED LOCATION: NWNE 36 080S 170E
Permit Tech Review: ☑

SURFACE: 0768 FNL 2054 FEL
Engineering Review: ☑

BOTTOM: 0100 FNL 2629 FEL
Geology Review: ☑

COUNTY: UINTAH
LATITUDE: 40.07952
LONGITUDE: -109.95206
UTM SURF EASTINGS: 589352.00
NORTHINGS: 4436899.00
FIELD NAME: MONUMENT BUTTE
LEASE TYPE: 3 - State
LEASE NUMBER: ML-44305
PROPOSED PRODUCING FORMATION(S): GREEN RIVER
SURFACE OWNER: 3 - State
COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** STATE - B001834
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: GMBU (GRRV)

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 213-11
Effective Date: 11/30/2009
Siting: Suspends General Siting

- ☑ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
5 - Statement of Basis - bhill
8 - Cement to Surface -- 2 strings - hmacdonald
15 - Directional - dmason
27 - Other - bhill

RECEIVED: Jun. 08, 2011

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: GMBU C-36-8-17
API Well Number: 43047515470000
Lease Number: ML-44305
Surface Owner: STATE
Approval Date: 6/8/2011

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Cement volumes for the 8 5/8" and 5 1/2" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:
- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet

- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

Spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 26 Submitted By Branden Arnold Phone Number 435-401-0223
Well Name/Number GMBU C-36-8-17
Qtr/Qtr NW/NE Section 36 Township 8S Range 17E
Lease Serial Number ML-44305
API Number 43-047-51547

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 7/1/11 9:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 7/1/11 3:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400	4304751549	GMBU B-2-9-17	NENE	2	9S	17E	UINTAH	7/15/2011	7/21/11
WELL 1 COMMENTS: GRRV BHL = NENE											
B	99999	17400	4301350473	GMBU Q-11-9-16	NWSW	11	9S	16E	DUCHESNE	7/7/2011	7/21/11
GRRV BHL = SESW											
B	99999	17400	4304751547	GMBU C-36-8-17	NWNE	36	8S	17E	UINTAH	7/6/2011	7/21/11
GRRV BHL = NWNE											
B	99999	17400	4301350539	GMBU R-10-9-16	SESW	10	9S	16E	DUCHESNE	7/12/2011	7/21/11
GRRV BHL = NWSE											
B	99999	17400	4301350540	GMBU C-15-9-16	SESW	~~15~~ 10	9S	16E	DUCHESNE	7/11/2011	7/21/11
GRRV BHL = Sec 15 NWNE											
A	99999	18128	4304751414	RIO GRANDE 11-13-4-1W	NESW	13	4S	1W	UINTAH	6/24/2011	7/21/11
GRRV											

ACTION CODES (See instructions on back of form)
A - 1 new entity for new well (single well only)
B - 1 well to existing entity (group or unit well)
C - from one existing entity to another existing entity
D - well from one existing entity to a new entity
E - ther (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
JUL 2 1 2011
DIV. OF OIL, GAS & MINING

Signature: Jentri Park
Production Clerk
07/20/11

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:	UTAH STATE ML-44305
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	GMBU
1. TYPE OF WELL: OIL WELL [x] GAS WELL [ ] OTHER	8. WELL NAME and NUMBER: GMBU C-36-8-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 4304751547
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721	10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 0768 FNL 2054 FEL	COUNTY: UINTAH
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 36, T8S, R17E	STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[x] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
07/08/2011	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[x] OTHER: - Spud Notice
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 7/6/11 MIRU Ross #29. Spud well @8:00 AM. Drill 355' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24# csgn. Set @ 357.52. On 7/8/11 cement with 160 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 2 barrels cement to pit. WOC.

NAME (PLEASE PRINT) Branden Arnold TITLE

SIGNATURE DATE 07/08/2011

(This space for State use only)

RECEIVED
JUL 19 2011
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT **357.52**

LAST CASING **14** SET AT **8**
DATUM **12**
DATUM TO CUT OFF CASING **12**
DATUM TO BRADENHEAD FLANGE **12**
TD DRILLER **355** LOGGER
HOLE SIZE **12 1/4"**

OPERATOR **Newfield Exploration Company**
WELL **GMBU C-36-8-17**
FIELD/PROSPECT **Monument Butte**
CONTRACTOR & RIG # **Ross # 29**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		wellhead				A	1.42
8	8 5/8"	casing (shoe jt 44.10)	24	J-55	STC	A	345.2
1	8 5/8"	guide shoe				A	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	347.52	8
LESS NON CSG. ITEMS	2.32	
PLUS FULL JTS. LEFT OUT	0	
TOTAL	345.2	8
TOTAL CSG. DEL. (W/O THRDS)		
TIMING		
BEGIN RUN CSG. Spud	8:00 AM	7/6/2011
CSG. IN HOLE	2:00 AM	7/6/2011
BEGIN CIRC	10:52 AM	7/8/2011
BEGIN PUMP CMT	11:04 AM	7/8/2011
BEGIN DSPL. CMT	11:21 AM	7/8/2011
PLUG DOWN	**11:30 AM**	**7/8/2011**

TOTAL LENGTH OF STRING	347.52
LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	**357.52**

} COMPARE

GOOD CIRC THRU JOB Yes
Bbls CMT CIRC TO SURFACE
RECIPROCATED PIPI No

BUMPED PLUG TO 430

CEMENT USED		CEMENT COMPANY- **BJ**
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	170	Class "G"+2%CaCl Mixed@ 15.8ppg W/1.17 yield returned 2bbls to pit
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Middle of first, top of second and third for a total of three.		

COMPANY REPRESENTATIVE **Branden Arnold** DATE **7/8/2011**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-44305

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: GMBU C-36-8-17

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047515470000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0768 FNL 2054 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 36 Township: 08.0S Range: 17.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 8/13/2011	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Weekly Status Report

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well was completed on 08/13/2011. Attached is a daily completion status report.

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jennifer Peatross	435 646-4885	Production Technician
SIGNATURE N/A		**DATE** 9/8/2011

RECEIVED Sep. 08, 2011

Daily Activity Report

Format For Sundry

GMBU C-36-8-17

6/1/2011 To 10/30/2011

7/29/2011 Day: 1 **Completion**

Rigless on 7/29/2011 - Ran CBL and perforate 1st stage. SIWFN w/ 153 BWTR. - NU Cameron BOP's. RU Hot oiler & test casing, WH head, Casing valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6364' w/ TOC @ 42'. RIH w/ 3 1/8" ported guns & perforate CP4 sds @ 6123- 24', 6093- 94', 6087- 90' w/ (11 gram, .36"EH, 16.82¿ pen. 120°) 3 spf for total of 15 shots. RD WLT & Hot Oiler. SIWFN w/ 153 BWTR.
Daily Cost: $0
Cumulative Cost: $16,877

8/1/2011 Day: 2 **Completion**

Rigless on 8/1/2011 - Frac & flow well. - RU Extreme. Set CBP & perf GB6/GB4 sds as shown in perforation report. RU Baker Hughes. Frac GB6/GB4 sds as shown in stimulation report. 2919 BWTR. RD Baker Hughes & Extreme. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 5.5 hrs & died. Recovered 740 bbls. SWIFN. 2179 BWTR. - RU Extreme. Set CBP & perf D2 sds as shown in perforation report. RU Baker Hughes. Frac D2 sds as shown in stimulation report. 2124 BWTR. - RU Extreme. Set CBP & perf A.5/B1 sds as shown in perforation report. RU Baker Hughes. Frac A.5/B1 sds as shown in stimulation report. 1855 BWTR. - RU Extreme. Set CBP & perf LODC sds as shown in perforation report. RU Baker Hughes. Frac LODC sds as shown in stimulation report. 1483 BWTR. - RU Extreme. Set CBP & perf CP3/CP2/CP1/CP.5 sds as shown in perforation report. RU Baker Hughes. Frac CP3/CP2/CP1/CP.5 sds as shown in stimulation report. 1200 BWTR. - RU Baker Hughes. Frac CP4 sds as shown in stimulation report. 596 BWTR.
Daily Cost: $0
Cumulative Cost: $155,979

8/13/2011 Day: 4 **Completion**

Nabors #147 on 8/13/2011 - DU CBPs. C/O to PBTD. Swab. - MIRU Nabors #147. ND Cameron frac BOP. NU Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from piipe racks (tallying & drifting). Tag fill @ 4515'. RU powerswivel. SWIFN. 2150 BWTR. - SICP @ 50 psi, SITP @ 50 psi. Bleed off well. C/O to CBP @ 4680'. DU CBP in 22 min. Cont. RIH w/ tbg. Tag CBP@ 5120'. DU CBP in 40 min. Cont. RIH w/ tbg. Tag fill @ 5490'. C/O to CBP @ 5520'. DU CBP in 28 min. Cont. RIH w/ tbg. Tag CBP @ 5820'. DU CBP in 25 min. Cont. RIH w/ tbg. Tag fill @ 5990'. C/O to CBP @ 6040'. DU CBP in 35 min. Cont. RIH w/ tbg. Tag fill @ 6250'. C/O to PBTD @ 6419'. Circulate well clean. Pull up to 6330'. RIH w/ swab. SFL @ 100'. Made 18 runs. Recovered 175 bbls. Trace of oil. No show of sand. EFL @ 2500'. SWIFN. - SICP @ 100 psi, SITP @ 50 psi. Bleed off well. LD extra tbg. POOH w/ tbg. LD BHA. RIH w/ tbg. as detailed in tbg. detail. ND BOP. Set TAC @ 6080' w/ 18,000# tension. NU wellhead. X-over for rods. SWIFN. 2005 BWTR. - RIH w/ rod string. Seat pump. RU pumping unit. Hang off rods. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. Good pump action. RD Nabors #147. PWOP @ 6:15 p.m. 144" stroke length, 5 spm. Final Report. 2015 BWTR. - MIRU Nabors #147. ND Cameron frac BOP. NU Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from piipe racks (tallying & drifting). Tag fill @ 4515'. RU powerswivel. SWIFN. 2150 BWTR. - SICP @ 50 psi, SITP @ 50 psi. Bleed off well. C/O to CBP @ 4680'. DU CBP in 22 min. Cont. RIH w/ tbg. Tag CBP@ 5120'. DU CBP in 40 min. Cont. RIH w/ tbg. Tag fill @ 5490'. C/O to CBP @ 5520'. DU CBP in 28 min. Cont. RIH w/ tbg. Tag CBP @ 5820'. DU

CBP in 25 min. Cont. RIH w/ tbg. Tag fill @ 5990'. C/O to CBP @ 6040'. DU CBP in 35 min. Cont. RIH w/ tbg. Tag fill @ 6250'. C/O to PBTD @ 6419'. Circulate well clean. Pull up to 6330'. RIH w/ swab. SFL @ 100'. Made 18 runs. Recovered 175 bbls. Trace of oil. No show of sand. EFL @ 2500'. SWIFN. - SICP @ 100 psi, SITP @ 50 psi. Bleed off well. LD extra tbg. POOH w/ tbg. LD BHA. RIH w/ tbg. as detailed in tbg. detail. ND BOP. Set TAC @ 6080' w/ 18,000# tension. NU wellhead. X-over for rods. SWIFN. 2005 BWTR. - RIH w/ rod string. Seat pump. RU pumping unit. Hang off rods. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. Good pump action. RD Nabors #147. PWOP @ 6:15 p.m. 144" stroke length, 5 spm. Final Report. 2015 BWTR. - RIH w/ rod string. Seat pump. RU pumping unit. Hang off rods. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. Good pump action. RD Nabors #147. PWOP @ 6:15 p.m. 144" stroke length, 5 spm. Final Report. 2015 BWTR. - SICP @ 100 psi, SITP @ 50 psi. Bleed off well. LD extra tbg. POOH w/ tbg. LD BHA. RIH w/ tbg. as detailed in tbg. detail. ND BOP. Set TAC @ 6080' w/ 18,000# tension. NU wellhead. X-over for rods. SWIFN. 2005 BWTR. - SICP @ 50 psi, SITP @ 50 psi. Bleed off well. C/O to CBP @ 4680'. DU CBP in 22 min. Cont. RIH w/ tbg. Tag CBP@ 5120'. DU CBP in 40 min. Cont. RIH w/ tbg. Tag fill @ 5490'. C/O to CBP @ 5520'. DU CBP in 28 min. Cont. RIH w/ tbg. Tag CBP @ 5820'. DU CBP in 25 min. Cont. RIH w/ tbg. Tag fill @ 5990'. C/O to CBP @ 6040'. DU CBP in 35 min. Cont. RIH w/ tbg. Tag fill @ 6250'. C/O to PBTD @ 6419'. Circulate well clean. Pull up to 6330'. RIH w/ swab. SFL @ 100'. Made 18 runs. Recovered 175 bbls. Trace of oil. No show of sand. EFL @ 2500'. SWIFN. - MIRU Nabors #147. ND Cameron frac BOP. NU Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from piipe racks (tallying & drifting). Tag fill @ 4515'. RU powerswivel. SWIFN. 2150 BWTR. - RIH w/ rod string. Seat pump. RU pumping unit. Hang off rods. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. Good pump action. RD Nabors #147. PWOP @ 6:15 p.m. 144" stroke length, 5 spm. Final Report. 2015 BWTR. - SICP @ 100 psi, SITP @ 50 psi. Bleed off well. LD extra tbg. POOH w/ tbg. LD BHA. RIH w/ tbg. as detailed in tbg. detail. ND BOP. Set TAC @ 6080' w/ 18,000# tension. NU wellhead. X-over for rods. SWIFN. 2005 BWTR. - MIRU Nabors #147. ND Cameron frac BOP. NU Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from piipe racks (tallying & drifting). Tag fill @ 4515'. RU powerswivel. SWIFN. 2150 BWTR. - SICP @ 50 psi, SITP @ 50 psi. Bleed off well. C/O to CBP @ 4680'. DU CBP in 22 min. Cont. RIH w/ tbg. Tag CBP@ 5120'. DU CBP in 40 min. Cont. RIH w/ tbg. Tag fill @ 5490'. C/O to CBP @ 5520'. DU CBP in 28 min. Cont. RIH w/ tbg. Tag CBP @ 5820'. DU CBP in 25 min. Cont. RIH w/ tbg. Tag fill @ 5990'. C/O to CBP @ 6040'. DU CBP in 35 min. Cont. RIH w/ tbg. Tag fill @ 6250'. C/O to PBTD @ 6419'. Circulate well clean. Pull up to 6330'. RIH w/ swab. SFL @ 100'. Made 18 runs. Recovered 175 bbls. Trace of oil. No show of sand. EFL @ 2500'. SWIFN. **Finalized**

Daily Cost: $0

Cumulative Cost: $222,770

Pertinent Files: Go to File List

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: ML-44305

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.: Greater Monument Butte

2. Name of Operator: NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.: Greater Monument Butte C-36-8-17

3. Address: 1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. *(include area code)*: (435) 646-3721

9. AFI Well No.: 43-047-51547

4. Location of Well *(Report location clearly and in accordance with Federal requirements)** BHL by HSM

10. Field and Pool or Exploratory: Monument Butte

At surface: 768' FNL & 2054' FEL (NW/NE) SEC. 36, T8S, R17E (ML-44305)

11. Sec., T., R., M., on Block and Survey or Area: SEC. 36, T8S, R17E

At top prod. interval reported below: 327' FNL & 2440' FEL (NW/NE) SEC. 36, T8S, R17E (ML-44305)

12. County or Parish: UINTAH

13. State: UT

At total depth: 113' FNL & 2629' FWL (NE/NW) SEC/ 36, T8S, R17E (ML-44305)

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
07/06/2011	07/16/2011	☐ D & A ☑ Ready to Prod. 08/12/2011	5042' GL 5054' KB

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 6448' TVD 6379'	MD 6419' TVD	MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY,COMP. NEUTRON,GR,CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	355'		170 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6444'		280 PRIMLITE		42'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6185'	TA @ 6083'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4476'	6124'	6087-6124'	.36"	15	
B)			4476-5970'	.34"	102	
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4476-6124'	Frac w/ 264635#s 20/40 sand in 1930 bbls of Lightning 17 fluid in 6 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8/12/11	8/24/11	24	→	35	5	3			2-1/2" x 1-3/4" x 20' RHAC Pump

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

RECEIVED
OCT 27 2011
BLM OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GREEN RIVER	4476'	6124'		GARDEN GULCH MRK	4031'
				GARDEN GULCH 1	4214'
				GARDEN GULCH 2	4330'
				POINT 3	4601'
				X MRKR	4821'
				Y MRKR	4861'
				DOUGLAS CREEK MRK	4994'
				BI CARBONATE MRK	5236'
				B LIMESTONE MRK	5399'
				CASTLE PEAK	5842'
				BASAL CARBONATE	6268'
				WASATCH	6390'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Jennifer Peatross Title Production Technician

Signature Jpeatross Date 09/28/2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 36 T8S, R17E
C-36-8-17

Wellbore #1

Design: Actual

Standard Survey Report

18 July, 2011

PAYZONE DIRECTIONAL

NEWFIELD

PayZone Directional Services, LLC.

Survey Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well C-36-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	C-36-8-17 @ 5054.0ft (Newfield Rig #2)
Site:	SECTION 36 T8S, R17E	**MD Reference:**	C-36-8-17 @ 5054.0ft (Newfield Rig #2)
Well:	C-36-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 36 T8S, R17E				
Site Position:		**Northing:**	7,200,290.92 ft	**Latitude:**	40° 4' 35.190 N
From:	Lat/Long	**Easting:**	2,072,102.31 ft	**Longitude:**	109° 57' 26.000 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.99 °

Well	C-36-8-17, SHL LAT:40 04 46.52 LONG: -109 57 10.15				
Well Position	**+N/-S**	0.0 ft	**Northing:**	7,201,458.41 ft	**Latitude:**	40° 4' 46.520 N
	+E/-W	0.0 ft	**Easting:**	2,073,314.30 ft	**Longitude:**	109° 57' 10.150 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,054.0 ft	**Ground Level:**	5,042.0 ft

Wellbore	Wellbore #1			
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	2011/03/15	11.31	65.85	52,333

Design	Actual				
Audit Notes:					
Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.0	0.0	0.0	318.34

Survey Program	**Date** 2011/07/18		
From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
361.0	6,448.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
C-36-8-17 NO GO ZONE									
361.0	0.20	355.10	361.0	0.6	-0.1	0.5	0.06	0.06	0.00
392.0	0.20	281.30	392.0	0.7	-0.1	0.6	0.77	0.00	-238.06
422.0	0.70	341.90	422.0	0.9	-0.2	0.8	2.09	1.67	202.00
453.0	1.10	349.40	453.0	1.3	-0.3	1.2	1.34	1.29	24.19
484.0	1.50	346.60	484.0	2.0	-0.5	1.8	1.31	1.29	-9.03
514.0	2.20	336.70	514.0	2.9	-0.8	2.7	2.56	2.33	-33.00
544.0	2.70	336.00	543.9	4.1	-1.3	4.0	1.67	1.67	-2.33
575.0	3.20	335.20	574.9	5.6	-2.0	5.5	1.62	1.61	-2.58
605.0	3.50	331.60	604.9	7.1	-2.8	7.2	1.22	1.00	-12.00
636.0	4.00	335.00	635.8	9.0	-3.7	9.1	1.76	1.61	10.97
666.0	4.30	328.20	665.7	10.9	-4.7	11.2	1.92	1.00	-22.67

NEWFIELD

PayZone Directional Services, LLC.

Survey Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well C-36-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	C-36-8-17 @ 5054.0ft (Newfield Rig #2)
Site:	SECTION 36 T8S, R17E	**MD Reference:**	C-36-8-17 @ 5054.0ft (Newfield Rig #2)
Well:	C-36-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
697.0	4.80	340.80	696.6	13.1	-5.7	13.6	3.60	1.61	40.65
727.0	5.20	339.40	726.5	15.5	-6.6	16.0	1.39	1.33	-4.67
758.0	5.70	338.50	757.4	18.3	-7.7	18.8	1.64	1.61	-2.90
789.0	6.20	338.10	788.2	21.3	-8.9	21.8	1.62	1.61	-1.29
819.0	6.70	339.00	818.0	24.4	-10.1	24.9	1.70	1.67	3.00
851.0	7.30	338.00	849.8	28.0	-11.5	28.6	1.91	1.88	-3.13
883.0	7.90	339.00	881.5	32.0	-13.1	32.6	1.92	1.88	3.13
914.0	8.10	338.00	912.2	36.0	-14.7	36.6	0.79	0.65	-3.23
946.0	8.70	336.30	943.8	40.3	-16.5	41.1	2.03	1.88	-5.31
978.0	9.00	335.70	975.5	44.8	-18.5	45.7	0.98	0.94	-1.88
1,010.0	9.30	332.90	1,007.0	49.4	-20.7	50.6	1.68	0.94	-8.75
1,041.0	9.60	331.10	1,037.6	53.9	-23.1	55.6	1.36	0.97	-5.81
1,073.0	9.70	329.30	1,069.2	58.5	-25.8	60.8	0.99	0.31	-5.63
1,104.0	9.90	326.40	1,099.7	63.0	-28.6	66.0	1.72	0.65	-9.35
1,136.0	10.00	323.50	1,131.2	67.5	-31.7	71.5	1.60	0.31	-9.06
1,168.0	10.00	320.10	1,162.8	71.9	-35.2	77.1	1.84	0.00	-10.63
1,200.0	10.00	317.20	1,194.3	76.0	-38.8	82.6	1.57	0.00	-9.06
1,231.0	9.90	318.40	1,224.8	80.0	-42.4	88.0	0.74	-0.32	3.87
1,262.0	10.20	318.30	1,255.3	84.0	-46.0	93.4	0.97	0.97	-0.32
1,293.0	10.10	318.60	1,285.8	88.1	-49.7	98.9	0.36	-0.32	0.97
1,325.0	10.20	318.70	1,317.3	92.4	-53.4	104.5	0.32	0.31	0.31
1,357.0	10.20	319.00	1,348.8	96.6	-57.1	110.2	0.17	0.00	0.94
1,389.0	10.55	318.80	1,380.3	101.0	-60.9	115.9	1.10	1.09	-0.63
1,421.0	10.80	318.40	1,411.8	105.4	-64.8	121.9	0.81	0.78	-1.25
1,452.0	11.00	318.10	1,442.2	109.8	-68.7	127.7	0.67	0.65	-0.97
1,484.0	10.70	316.80	1,473.6	114.2	-72.8	133.7	1.21	-0.94	-4.06
1,516.0	10.70	315.20	1,505.1	118.5	-76.9	139.7	0.93	0.00	-5.00
1,548.0	10.40	314.70	1,536.5	122.6	-81.1	145.5	0.98	-0.94	-1.56
1,579.0	10.30	315.00	1,567.0	126.6	-85.0	151.1	0.37	-0.32	0.97
1,611.0	10.46	314.00	1,598.5	130.6	-89.1	156.8	0.75	0.50	-3.13
1,644.0	10.70	314.90	1,630.9	134.9	-93.5	162.9	0.88	0.73	2.73
1,675.0	10.40	315.40	1,661.4	138.9	-97.5	168.5	1.01	-0.97	1.61
1,707.0	10.00	315.50	1,692.9	142.9	-101.4	174.2	1.25	-1.25	0.31
1,739.0	10.10	314.00	1,724.4	146.9	-105.4	179.8	0.88	0.31	-4.69
1,770.0	9.90	313.10	1,754.9	150.6	-109.3	185.1	0.82	-0.65	-2.90
1,801.0	9.40	313.10	1,785.5	154.1	-113.1	190.3	1.61	-1.61	0.00
1,833.0	9.40	313.40	1,817.1	157.7	-116.9	195.5	0.15	0.00	0.94
1,864.0	9.36	313.20	1,847.7	161.2	-120.6	200.6	0.17	-0.13	-0.65
1,896.0	9.20	311.20	1,879.2	164.6	-124.4	205.7	1.13	-0.50	-6.25
1,928.0	9.00	311.20	1,910.8	168.0	-128.2	210.7	0.63	-0.63	0.00
1,960.0	8.90	310.80	1,942.5	171.2	-132.0	215.6	0.37	-0.31	-1.25
1,991.0	8.80	310.23	1,973.1	174.3	-135.6	220.4	0.43	-0.32	-1.84
2,023.0	8.60	311.50	2,004.7	177.5	-139.3	225.2	0.87	-0.63	3.97
2,054.0	8.20	314.80	2,035.4	180.6	-142.6	229.7	2.02	-1.29	10.65
2,086.0	8.10	317.30	2,067.1	183.8	-145.7	234.2	1.15	-0.31	7.81
2,117.0	8.40	319.00	2,097.7	187.2	-148.7	238.7	1.25	0.97	5.48
2,149.0	8.90	319.60	2,129.4	190.8	-151.8	243.5	1.59	1.56	1.88
2,181.0	8.44	319.67	2,161.0	194.5	-154.9	248.3	1.44	-1.44	0.22
2,213.0	8.30	318.80	2,192.7	198.0	-158.0	252.9	0.59	-0.44	-2.72
2,244.0	7.90	317.80	2,223.4	201.3	-160.9	257.3	1.37	-1.29	-3.23
2,276.0	8.00	319.60	2,255.1	204.6	-163.8	261.7	0.84	0.31	5.63
2,308.0	8.20	321.30	2,286.7	208.1	-166.7	266.2	0.98	0.63	5.31
2,340.0	8.40	322.60	2,318.4	211.7	-169.5	270.9	0.86	0.63	4.06
2,371.0	8.40	322.80	2,349.1	215.3	-172.3	275.4	0.09	0.00	0.65

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well C-36-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	C-36-8-17 @ 5054.0ft (Newfield Rig #2)
Site:	SECTION 36 T8S, R17E	**MD Reference:**	C-36-8-17 @ 5054.0ft (Newfield Rig #2)
Well:	C-36-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,403.0	8.50	321.30	2,380.7	219.0	-175.2	280.1	0.76	0.31	-4.69
2,435.0	8.50	320.60	2,412.4	222.7	-178.1	284.8	0.32	0.00	-2.19
2,466.0	8.60	319.20	2,443.0	226.2	-181.1	289.4	0.74	0.32	-4.52
2,498.0	8.60	316.90	2,474.7	229.8	-184.3	294.2	1.07	0.00	-7.19
2,530.0	8.75	315.54	2,506.3	233.3	-187.6	299.0	0.79	0.47	-4.25
2,562.0	8.80	314.90	2,537.9	236.7	-191.1	303.9	0.34	0.16	-2.00
2,594.0	8.60	313.50	2,569.6	240.1	-194.6	308.7	0.91	-0.63	-4.38
2,626.0	8.50	310.70	2,601.2	243.3	-198.1	313.4	1.34	-0.31	-8.75
2,657.0	8.10	307.50	2,631.9	246.1	-201.6	317.8	1.97	-1.29	-10.32
2,689.0	8.00	308.70	2,663.6	248.9	-205.1	322.3	0.61	-0.31	3.75
2,721.0	8.30	312.40	2,695.2	251.8	-208.5	326.7	1.89	0.94	11.56
2,753.0	8.40	315.20	2,726.9	255.0	-211.9	331.4	1.31	0.31	8.75
2,784.0	8.30	316.20	2,757.6	258.3	-215.0	335.9	0.57	-0.32	3.23
2,816.0	8.40	316.90	2,789.2	261.6	-218.2	340.5	0.45	0.31	2.19
2,879.0	8.60	314.70	2,851.5	268.3	-224.7	349.8	0.61	0.32	-3.49
2,911.0	8.60	313.60	2,883.2	271.6	-228.1	354.6	0.51	0.00	-3.44
2,943.0	8.60	312.20	2,914.8	274.9	-231.6	359.4	0.65	0.00	-4.38
2,984.0	8.60	309.30	2,955.4	278.9	-236.3	365.4	1.06	0.00	-7.07
3,006.0	8.30	305.70	2,977.1	280.9	-238.8	368.6	2.76	-1.36	-16.36
3,037.0	8.00	304.10	3,007.8	283.4	-242.5	372.9	1.21	-0.97	-5.16
3,069.0	7.60	305.00	3,039.5	285.9	-246.0	377.1	1.31	-1.25	2.81
3,101.0	7.30	307.60	3,071.2	288.3	-249.4	381.2	1.41	-0.94	8.13
3,132.0	7.00	309.70	3,102.0	290.7	-252.4	385.0	1.28	-0.97	6.77
3,164.0	7.00	312.80	3,133.8	293.3	-255.3	388.8	1.18	0.00	9.69
3,196.0	7.20	318.30	3,165.5	296.1	-258.1	392.8	2.21	0.63	17.19
3,227.0	7.30	319.90	3,196.3	299.1	-260.6	396.7	0.73	0.32	5.16
3,259.0	7.40	319.50	3,228.0	302.2	-263.3	400.8	0.35	0.31	-1.25
3,290.0	8.00	319.20	3,258.7	305.3	-266.0	404.9	1.94	1.94	-0.97
3,322.0	8.80	318.40	3,290.4	308.9	-269.1	409.6	2.53	2.50	-2.50
3,354.0	9.20	319.80	3,322.0	312.6	-272.4	414.6	1.43	1.25	4.38
3,386.0	9.40	319.40	3,353.6	316.6	-275.7	419.8	0.66	0.63	-1.25
3,417.0	8.80	316.20	3,384.2	320.2	-279.0	424.7	2.53	-1.94	-10.32
3,449.0	8.30	314.00	3,415.8	323.6	-282.4	429.4	1.87	-1.56	-6.88
3,480.0	8.40	313.90	3,446.5	326.7	-285.6	433.9	0.33	0.32	-0.32
3,544.0	9.00	317.00	3,509.8	333.6	-292.4	443.6	1.19	0.94	4.84
3,575.0	9.00	317.00	3,540.4	337.2	-295.7	448.4	0.00	0.00	0.00
3,607.0	8.70	318.50	3,572.0	340.8	-299.0	453.4	1.18	-0.94	4.69
3,639.0	8.40	318.60	3,603.6	344.4	-302.1	458.1	0.94	-0.94	0.31
3,670.0	8.00	318.10	3,634.3	347.7	-305.1	462.5	1.31	-1.29	-1.61
3,702.0	8.00	320.00	3,666.0	351.0	-308.0	467.0	0.83	0.00	5.94
3,734.0	8.10	321.70	3,697.7	354.5	-310.8	471.5	0.81	0.31	5.31
3,765.0	8.40	320.90	3,728.4	358.0	-313.6	475.9	1.04	0.97	-2.58
3,797.0	8.50	319.10	3,760.0	361.6	-316.6	480.6	0.88	0.31	-5.63
3,829.0	8.80	318.80	3,791.7	365.2	-319.8	485.4	0.95	0.94	-0.94
3,860.0	9.50	320.20	3,822.3	369.0	-323.0	490.3	2.37	2.26	4.52
3,892.0	10.00	319.60	3,853.8	373.1	-326.5	495.8	1.59	1.56	-1.88
3,924.0	10.24	318.80	3,885.3	377.4	-330.2	501.4	0.87	0.75	-2.50
3,955.0	9.64	316.00	3,915.8	381.3	-333.8	506.7	2.48	-1.94	-9.03
3,987.0	9.10	314.00	3,947.4	385.0	-337.5	511.9	1.97	-1.69	-6.25
4,019.0	8.90	314.30	3,979.0	388.5	-341.0	516.9	0.64	-0.63	0.94
4,051.0	8.40	316.60	4,010.7	391.9	-344.4	521.7	1.90	-1.56	7.19
4,082.0	8.23	319.17	4,041.3	395.2	-347.4	526.2	1.32	-0.55	8.29
4,114.0	8.40	317.90	4,073.0	398.7	-350.5	530.8	0.78	0.53	-3.97
4,176.0	8.80	319.90	4,134.3	405.7	-356.6	540.1	0.81	0.65	3.23

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well C-36-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	C-36-8-17 @ 5054.0ft (Newfield Rig #2)
Site:	SECTION 36 T8S, R17E	**MD Reference:**	C-36-8-17 @ 5054.0ft (Newfield Rig #2)
Well:	C-36-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,241.0	9.40	321.00	4,198.5	413.6	-363.1	550.4	0.96	0.92	1.69
4,272.0	8.90	319.50	4,229.1	417.4	-366.3	555.3	1.79	-1.61	-4.84
4,304.0	9.10	321.40	4,260.7	421.3	-369.5	560.3	1.12	0.63	5.94
4,336.0	9.30	321.50	4,292.3	425.3	-372.7	565.4	0.63	0.63	0.31
4,368.0	9.30	321.30	4,323.9	429.3	-375.9	570.6	0.10	0.00	-0.63
4,400.0	9.10	319.50	4,355.4	433.2	-379.1	575.7	1.10	-0.63	-5.63
4,431.0	9.10	318.80	4,386.1	436.9	-382.4	580.6	0.36	0.00	-2.26
4,463.0	8.90	318.10	4,417.7	440.7	-385.7	585.6	0.71	-0.63	-2.19
4,495.0	9.20	319.40	4,449.3	444.5	-389.0	590.6	1.13	0.94	4.06
4,526.0	8.90	319.10	4,479.9	448.2	-392.2	595.5	0.98	-0.97	-0.97
4,558.0	9.40	321.20	4,511.5	452.1	-395.4	600.6	1.88	1.56	6.56
4,590.0	9.70	321.90	4,543.0	456.2	-398.7	605.9	1.01	0.94	2.19
4,622.0	9.50	321.20	4,574.6	460.4	-402.0	611.2	0.72	-0.63	-2.19
4,653.0	9.10	319.60	4,605.2	464.3	-405.2	616.2	1.54	-1.29	-5.16
4,685.0	8.30	317.30	4,636.8	467.9	-408.4	621.1	2.73	-2.50	-7.19
4,717.0	8.20	316.20	4,668.5	471.2	-411.6	625.7	0.58	-0.31	-3.44
4,749.0	8.30	315.60	4,700.1	474.5	-414.8	630.2	0.41	0.31	-1.88
4,780.0	8.60	317.30	4,730.8	477.8	-417.9	634.8	1.26	0.97	5.48
4,812.0	8.60	319.20	4,762.4	481.4	-421.1	639.6	0.89	0.00	5.94
4,844.0	9.00	320.50	4,794.1	485.2	-424.3	644.5	1.40	1.25	4.06
4,875.0	9.30	320.80	4,824.7	489.0	-427.4	649.4	0.98	0.97	0.97
4,907.0	9.30	319.30	4,856.2	492.9	-430.7	654.6	0.76	0.00	-4.69
4,938.0	9.30	317.90	4,886.8	496.7	-434.0	659.6	0.73	0.00	-4.52
4,970.0	9.50	316.80	4,918.4	500.5	-437.6	664.8	0.84	0.63	-3.44
5,002.0	9.80	317.30	4,950.0	504.5	-441.2	670.2	0.97	0.94	1.56
5,034.0	10.10	315.50	4,981.5	508.5	-445.0	675.7	1.35	0.94	-5.63
5,065.0	10.00	315.30	5,012.0	512.3	-448.8	681.1	0.34	-0.32	-0.65
5,097.0	9.80	314.20	5,043.5	516.2	-452.7	686.6	0.86	-0.63	-3.44
5,129.0	9.70	312.90	5,075.1	519.9	-456.7	692.0	0.76	-0.31	-4.06
5,161.0	9.40	311.20	5,106.6	523.5	-460.6	697.3	1.29	-0.94	-5.31
5,193.0	9.10	310.70	5,138.2	526.9	-464.5	702.4	0.97	-0.94	-1.56
5,224.0	9.00	311.37	5,168.8	530.1	-468.2	707.2	0.47	-0.32	2.16
5,255.0	8.60	313.50	5,199.5	533.3	-471.7	711.9	1.66	-1.29	6.87
5,287.0	8.31	315.00	5,231.1	536.5	-475.0	716.6	1.14	-0.91	4.69
5,318.0	8.80	319.00	5,261.8	539.9	-478.2	721.2	2.49	1.58	12.90
5,350.0	9.50	322.00	5,293.4	543.8	-481.4	726.3	2.65	2.19	9.38
5,382.0	9.90	324.60	5,324.9	548.2	-484.6	731.7	1.85	1.25	8.13
5,413.0	9.30	325.00	5,355.5	552.4	-487.6	736.8	1.95	-1.94	1.29
5,445.0	9.00	324.40	5,387.1	556.5	-490.6	741.9	0.98	-0.94	-1.88
5,477.0	9.00	324.40	5,418.7	560.6	-493.5	746.8	0.00	0.00	0.00
5,509.0	9.10	324.00	5,450.3	564.7	-496.4	751.9	0.37	0.31	-1.25
5,541.0	8.90	322.70	5,481.9	568.7	-499.4	756.8	0.89	-0.63	-4.06
5,572.0	9.00	317.00	5,512.5	572.4	-502.5	761.7	2.88	0.32	-18.39
5,604.0	9.00	310.00	5,544.1	575.8	-506.1	766.6	3.42	0.00	-21.88
5,636.0	9.40	310.20	5,575.7	579.1	-510.0	771.7	1.25	1.25	0.63
5,667.0	9.90	312.30	5,606.2	582.6	-513.9	776.9	1.97	1.61	6.77
5,699.0	11.25	314.30	5,637.7	586.6	-518.2	782.7	4.37	4.22	6.25
5,729.0	11.87	316.00	5,667.1	590.8	-522.5	788.7	2.36	2.07	5.67
5,762.0	11.73	317.13	5,699.4	595.7	-527.1	795.4	0.82	-0.42	3.42
5,826.0	10.30	313.30	5,762.2	604.4	-535.7	807.7	2.51	-2.23	-5.98
5,888.0	10.00	309.70	5,823.2	611.7	-543.9	818.5	1.13	-0.48	-5.81
5,920.0	10.00	309.70	5,854.8	615.2	-548.1	824.0	0.00	0.00	0.00
5,951.0	10.10	313.00	5,885.3	618.8	-552.2	829.4	1.89	0.32	10.65
5,983.0	9.80	310.40	5,916.8	622.5	-556.3	834.8	1.69	-0.94	-8.13

NEWFIELD

PayZone Directional Services, LLC.

Survey Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well C-36-8-17
Project:	USGS Myton SW (UT)	**TVD Reference:**	C-36-8-17 @ 5054.0ft (Newfield Rig #2)
Site:	SECTION 36 T8S, R17E	**MD Reference:**	C-36-8-17 @ 5054.0ft (Newfield Rig #2)
Well:	C-36-8-17	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,015.0	9.30	310.50	5,948.4	625.9	-560.4	840.1	1.56	-1.56	0.31
6,046.0	8.90	309.90	5,979.0	629.1	-564.1	845.0	1.33	-1.29	-1.94
6,068.0	8.20	308.80	6,000.7	631.2	-566.6	848.2	3.27	-3.18	-5.00
6,110.0	7.80	306.80	6,042.3	634.7	-571.3	853.9	1.16	-0.95	-4.76
6,142.0	7.30	310.40	6,074.0	637.4	-574.5	858.1	2.15	-1.56	11.25
6,173.0	7.00	312.20	6,104.8	639.9	-577.4	861.9	1.21	-0.97	5.81
6,205.0	6.50	312.70	6,136.6	642.4	-580.2	865.6	1.57	-1.56	1.56
6,237.0	6.00	311.60	6,168.4	644.8	-582.8	869.1	1.61	-1.56	-3.44
6,268.0	5.60	309.40	6,199.2	646.8	-585.2	872.2	1.48	-1.29	-7.10
6,300.0	5.10	306.40	6,231.1	648.7	-587.5	875.1	1.79	-1.56	-9.38
6,332.0	4.70	305.80	6,263.0	650.3	-589.7	877.8	1.26	-1.25	-1.88
6,364.0	4.40	304.80	6,294.9	651.7	-591.8	880.3	0.97	-0.94	-3.13
6,395.0	3.90	302.70	6,325.8	653.0	-593.7	882.5	1.69	-1.61	-6.77
6,445.0	3.90	302.70	6,375.7	654.8	-596.5	885.7	0.00	0.00	0.00
6,448.0	3.90	302.70	6,378.7	654.9	-596.7	885.9	0.00	0.00	0.00
C-36-8-17 TGT									

Wellbore Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
C-36-8-17 TGT	0.00	0.99	6,400.0	659.4	-586.6	7,202,107.52	2,072,716.36	40° 4' 53.036 N	109° 57' 17.698 W
- actual wellpath misses target center by 24.0ft at 6448.0ft MD (6378.7 TVD, 654.9 N, -596.7 E)									
- Circle (radius 75.0)									
C-36-8-17 NO GO ZONE	0.00	0.00	-2,000.0	0.0	0.0	7,201,458.42	2,073,314.30	40° 4' 46.520 N	109° 57' 10.150 W
- actual wellpath misses target center by 2000.0ft at 0.0ft MD (0.0 TVD, 0.0 N, 0.0 E)									
- Polygon									
Point 1			-2,000.0	768.0	-386.0	7,202,219.62	2,072,915.08		
Point 2			-2,000.0	768.0	-786.0	7,202,212.71	2,072,515.14		
Point 3			-2,000.0	768.0	-386.0	7,202,219.62	2,072,915.08		

Checked By: _____ Approved By: _____ Date: _____

RECEIVED

OCT 27 2011

NEWFIELD

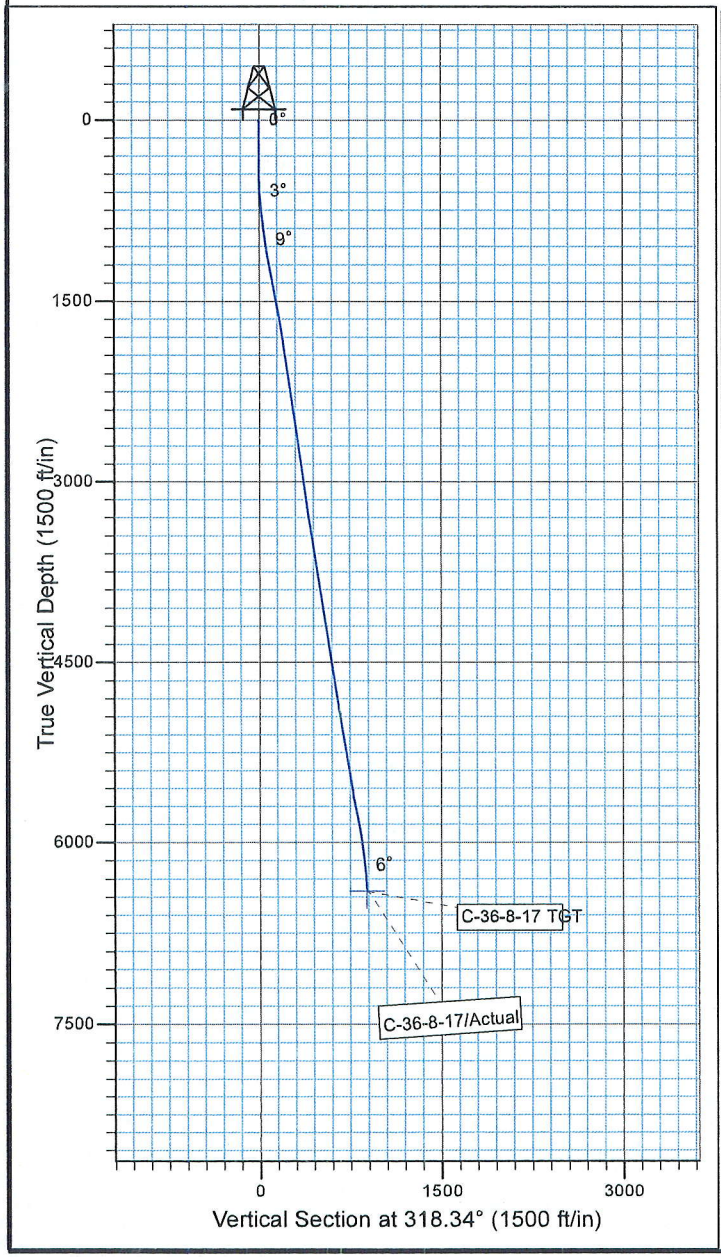
Project: USGS Myton SW (UT)
Site: SECTION 36 T8S, R17E
Well: C-36-8-17
Wellbore: Wellbore #1
SURVEY: Actual

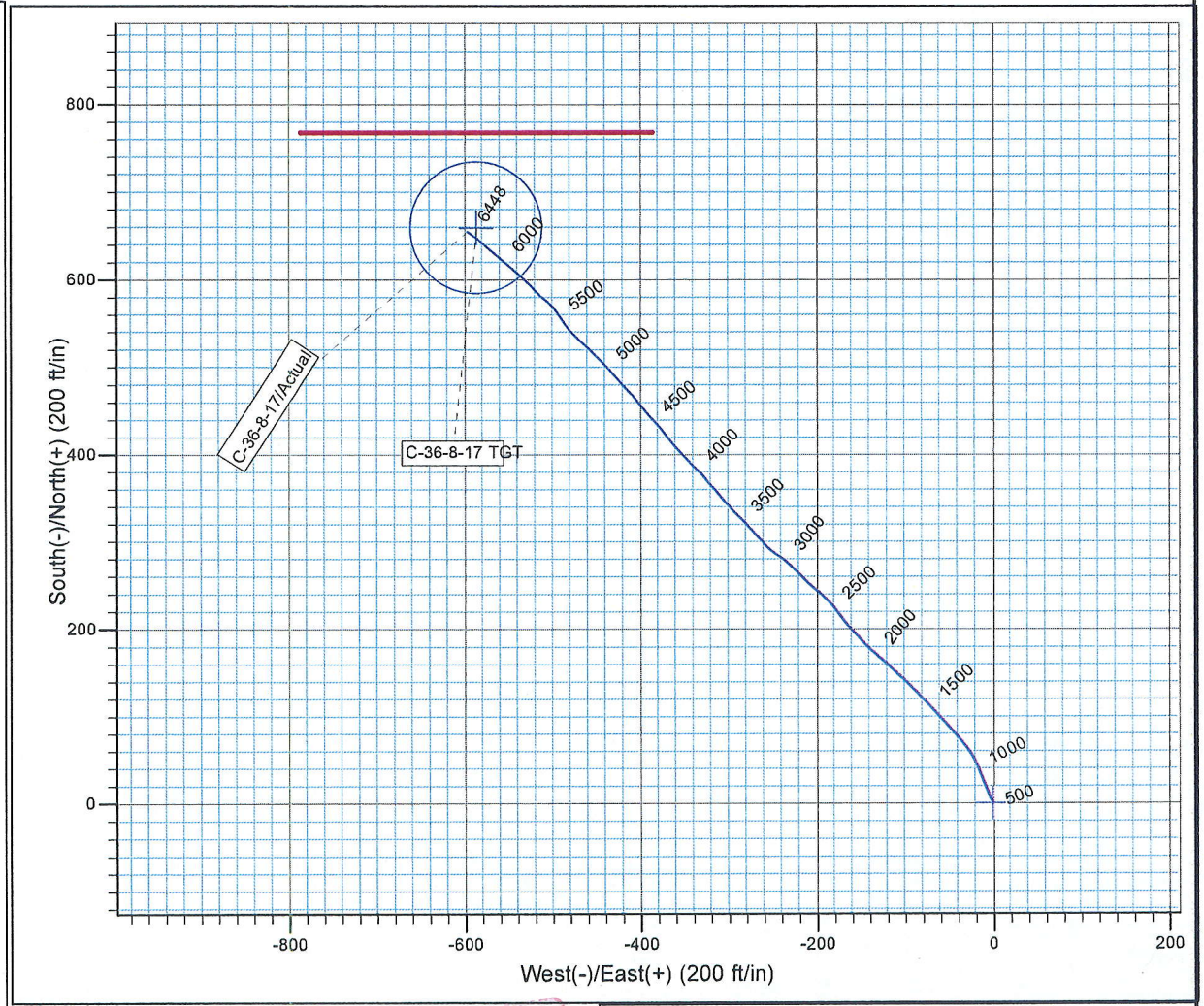
FINAL SURVEY REPORT

T M

Azimuths to True North
Magnetic North: 11.31°

Magnetic Field
Strength: 52333.4snT
Dip Angle: 65.85°
Date: 2011/03/15
Model: IGRF2010





RECEIVED
OCT 27 2011
DIV. OF OIL, GAS & MINING

PAYZONE DIRECTIONAL

Design: Actual (C-36-8-17/Wellbore #1)

Created By: Sarah Webb Date: 20:54, July 18 2011

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

GMBU C-36-8-17

5/1/2011 To 9/30/2011

GMBU C-36-8-17 **Waiting on Cement**
Date: 7/8/2011
Ross #29 at 355. Days Since Spud - 357.52'KB. On 7/8/11 cement w/BJ w/160 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17 - On 7/6/11 Ross #29 spud and drilled 355' of 12 1/4" hole, P/U and run 8 jts of 8 5/8" casing set - yield. Returned 2bbls to pit, bump plug to 431psi, BLM and State were notified of spud via email.
Daily Cost: $0
Cumulative Cost: $58,816

GMBU C-36-8-17 **Drill 7 7/8" hole with fresh water**
Date: 7/12/2011
NDSI #2 at 1189. 1 Days Since Spud - packer and set at 290'. Pressure up to 1500 psi and held for 30 min. Test ok. - good. Test surface casing. Pressure up to 1500 psi, lost pressure. Test would not pass. Picked up a - outside valve, blind ram, kill line and valve. Choke line and manifold. 2000 psi for ten min. Tests - R/U B&C Quicktest . Test upper kelly valve, safety valve, pipe rams, blind rams, inside valve, - on 7/11/2011 at 1:00 PM. - 24hr notice sent to State via email on 7/10/2011 of rig move on 7/11/2011 at 7:00 PM and BOP test - Pick up BHA as follows: Hughes Q506F PDC bit, Hunting 4.8stage, 7/8 lobe 1.5 degree motor 26.85', - Monel DC 31.05, Gap sub 2.42', Pony sub 5.28' and 6 HWDP. Tag cement at 313'. - Drill 7 7/8" hole from 313' to 1189' with 10,000 lbs WOB, 161 total RPM, 400 GPM, 92.2 fph avg ROP - On 7/11/2011 MIRU set all equipment w/Liddell Trucking. (6.7 mile move from the P-32-8-17)
Daily Cost: $0
Cumulative Cost: $109,804

GMBU C-36-8-17 **Drill 7 7/8" hole with fresh water**
Date: 7/13/2011
NDSI #2 at 3439. 2 Days Since Spud - began to work again. - Trip back in to 2950' and got survey. Went down to 2964 and tool stoped working. Drilled 30' tool - Directional tool would not communicate w/surface. Tripped out two stands to 2774. Tool began to work - Drill 7 7/8" hole from 2171' to 2964' with 20,000 lbs WOB, 161 total RPM, 400 GPM, 70 fph avg ROP - Rig service. Function test BOP and crown-o-matic - Drill 7 7/8" hole from 1189' to 2171' with 20,000 lbs WOB, 161 total RPM, 400 GPM, 122.7 fph avg ROP - Drill 7 7/8" hole from 2964' to 3439' with 20,000 lbs WOB, 161 total RPM, 400 GPM, 79 fph avg ROP
Daily Cost: $0
Cumulative Cost: $131,393

GMBU C-36-8-17 **Drill 7 7/8" hole with fresh water**
Date: 7/14/2011
NDSI #2 at 5087. 3 Days Since Spud - Drill 7 7/8" hole from 3439' to 4009' with 20,000 lbs WOB, 161 total RPM, 400 GPM, 87.7 fph avg ROP - Drill 7 7/8" hole from 4009' to 5087' with 20,000 lbs WOB, 161 total RPM, 400 GPM, 63.4 fph avg ROP - Rig service. Function test BOP and crown-o-matic
Daily Cost: $0
Cumulative Cost: $192,562

GMBU C-36-8-17 **Lay Down Drill Pipe/BHA**
Date: 7/15/2011
NDSI #2 at 6446. 4 Days Since Spud - LDDP To 4000' Spot 320 bbls 10# Brine - No H2s Reported Last 24 Hrs. - Drill 7 7/8" Hole From 5087' To 5687',WOB 20,000 lbs,TRPM 160,GPM 400,AVG ROP 75 fph - Rig Service.Function Test Bop's,Check Crown-A-Matic. - Drill 7 7/8" Hole From 5687' To 6446' WOB 20,000 lbs,TRPM 160,GPM 400,AVG ROP 66 fph - Circ Hole For Laydown & Logs - Well Flowing 11 gal/min @ TD 6446'
Daily Cost: $0
Cumulative Cost: $221,733

GMBU C-36-8-17 **Wait on Completion**
Date: 7/16/2011
NDSI #2 at 6446. 5 Days Since Spud - Clean Mud Pits - Reciprocated Pipe While Cementing - +.3SMS+FP-6L) Displaced with 152.9 bbls,Returned 30 bbls of Cement to Pit,Bumped Plug to 2227 psi . - .5SMS+FP+SF) ThenPumped 400sks Tail @ 14.4 ppg With 1.24 yield (50:50:2+3%KCL+0.5%EC-1+.25#CF+.05#SF - Test Lines To 4000 psi,Pump 280 sks lead @ 11.0 ppg with 3.53 yield.(PL-II+3%KCL+5#CSE+0.5#CF+5#KOL+ - R/U BJ Hardline Circ Well With Rig Pump. (Wash 10' To Bottom) - 6419'. 3 jts willl be transferred to next well (GMBU B-36-8-17) - Released Rig @ 4:00 AM 7/16/11 Don Bastian - Finish Pumping Brine - LDDP & BHA - R/U Halliburton Log Well W/ Triple Combo Log From Loggers TD 6441' To Surface Casing. - R/U B&C Quick Test. Test 5 1/2" Pipe Rams To 2000 psi for 10 Mins,Tested OK. - R/Umarcus Liddell Casing Crew. Run 148 jts 5.5",J-55,15.5# LT&C Casing.Shoe @ 6443',Float Collar @
Daily Cost: $0
Cumulative Cost: $367,853

GMBU C-36-8-17 **Rigging down**
Date: 7/21/2011
NDSI #2 at 0. 6 Days Since Spud - Tear Down prepaire for rig Mobilize **Finalized**
Daily Cost: $0
Cumulative Cost: $373,543

Pertinent Files: Go to File List

BLM - Vernal Field Office - Spud Notification Form

Operator Newfield Exploration Rig Name/# Ross 26 Submitted By Branden Arnold Phone Number 435-401-0223
Well Name/Number GMBU C-36-8-17
Qtr/Qtr NW/NE Section 36 Township 8S Range 17E
Lease Serial Number ML-44305
API Number 43-047-51547

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 7/1/11 9:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

☒ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 7/1/11 3:00 AM ☐ PM ☒

BOPE

☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

BLM - Vernal Field Office - Spud Notification Form

Operator Newfield Exploration Rig Name/# Ross 26 Submitted By Branden Arnold Phone Number 435-401-0223
Well Name/Number GMBU C-36-8-17
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Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 7/1/11 9:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

☒ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 7/1/11 3:00 AM ☐ PM ☒

BOPE

☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____